

Received 9-13-05

**SANITATION, INC. LANDFILL
LEWISTOWN, MONTANA
JUNE 2005 GROUNDWATER SAMPLING REPORT**

Prepared for:
Barry Damschen Consulting, LLC

Prepared by:
Hydrometrics, Inc.
Consulting Scientists & Engineers 
3020 Bozeman Avenue
Helena, MT 59601

September 2005

Julia



BARRY DAMSCHEN CONSULTING, LLC

Engineering • Solid Waste Management • Grant Administration

September 12, 2005

RECEIVED

SEP 13 2005

Dept. of Enviro. Quality
Waste & Underground
Tank Management Bureau

Tim Steppe
Solid Waste Program
Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

Dear Tim:

Please find enclosed our copy of the groundwater results for the Spring, 2005 sampling at the Sanitation Inc. landfill. The samples were collected on June 18, 2005. As indicated in the attached report, there does not appear to be any significant groundwater degradation as a result of the landfill. As you are aware we installed a new monitoring well at the site two years ago and we have now monitored this new well four (4) times.

If you recall, we all agreed that we would revisit the monitoring program after we had sampled the new well four times. Therefore, I suggest that we set up a meeting to re-evaluate the monitoring program at the site. Please feel free to call me at your earliest convenience (461-5003)

Very truly yours,

BARRY DAMSCHEN CONSULTING, LLC

Barry E. Damschen, P.E.
Project Manager

Enclosure

cc: Sanitation, Inc.



September 13, 2005

F. Patrick Crowley
Montana Department of Environmental Quality
P.O. Box 200901
Helena, MT 59620-0901

RE: June 2005 Groundwater Monitoring Results
Sanitation, Inc. Landfill, Lewistown, MT

Dear Pat,

Hydrometrics, under contract to Barry Damschen Consulting, LLC, has prepared this letter report to transmit the results of the June 2005 groundwater monitoring at the Sanitation, Inc. Landfill in Lewistown, Montana. Sampling activities were conducted on June 18, 2005.

Groundwater Flow Results

Static water levels were measured in wells SIMW-1, SIMW-2, SIMW-3, and SIMW-4, and in piezometers SIP-1 and SIP-2 (Table 1). Monitoring locations and June 2005 groundwater elevations are shown on Figure 1, along with potentiometric contours based on the observed elevations.

Groundwater elevations in June 2005 were higher than those measured in October 2004 at all monitoring locations (see table below). The greatest change in water level was observed at well SIMW-4. Two possible explanation for the relatively large increase in SIMW-4 are as follows: Well SIMW-4 is a new well and could be stabilizing or the water level is influenced by the detention pond, which is located north-northwest of well SIMW-4.

Well ID	Water Level Change (October 2004 to June 2005)
SIMW-1	+1.84 ft
SIMW-2	+2.67 ft
SIMW-3	+2.16 ft
SIMW-4	+11.77 ft
SIP-1	+3.52 ft
SIP-2	+2.76 ft

The estimated shallow groundwater flow direction at the site is generally to the north, and the estimated hydraulic gradient in the area near wells SIMW-3 and SIMW-4 is 0.06. The groundwater seepage velocity near well SIMW-3 can be estimated with previously determined (Entranco, 2002) values for aquifer porosity (estimated at 0.35), and hydraulic conductivity (9.2 ft/day), using the formula $V_s = KI/n_e$ where V_s = seepage velocity (ft/day); K = hydraulic conductivity (ft/day); I = hydraulic gradient (dimensionless); and n_e = porosity (dimensionless).

Using the values cited above, the estimated groundwater seepage velocity near well SIMW-3 for June 2005 was 1.6 ft/day, 50% lower than the estimate of 3.2 ft/day presented in the June 2004 data report (Hydrometrics, 2004). The primary reason for the decrease in the estimated seepage velocity is a shallower gradient, resulting from the relatively large increase in groundwater elevation at well SIMW-4 (about 12 feet).

Groundwater Quality Results

Water quality samples were collected from wells SIMW-1, SIMW-2, SIMW-3, and SIMW-4 by bailing. Quality control (QC) samples included a field duplicate (collected at SIMW-4), a trip blank, and standard internal laboratory QC samples. Samples were submitted to Energy Laboratories in Helena, Montana for analysis of Solid Waste Table 1 inorganic parameters and volatile organic compounds (VOCs). Field sampling notes and laboratory analytical reports are in Attachment 1.

All VOC concentrations were below laboratory reporting limits for the wells sampled in June 2005. Acetone was reported with a 'J' qualifier in the sample from well SIMW-4 at a concentration of 13 µg/L (12 µg/L in the duplicate sample), which is below the reporting limit of 20 µg/L. Results for selected inorganic and organic parameters are summarized in Table 2a for SIMW-1, Table 2b for SIMW-2, Table 2c for SIMW-3, and Table 2d for SIMW-4, along with summary statistics for the data period August 1995 through June 2005. Note that the sulfate concentrations originally reported for the June 2005 groundwater samples were not correctly reported due to an electronic importing error; the laboratory issued corrected values on August 29, 2005 (Attachment 1).

In general, groundwater parameter concentrations were similar to values observed previously at each monitoring well. June 2005 nitrate + nitrite concentrations were higher than October 2004 concentrations at wells SIMW-1, SIMW-2, and SIMW-3. The dissolved selenium concentration at SIMW-1 (0.019 mg/L) equaled the maximum concentration previously observed at this site (Table 2a). At well SIMW-4, the June 2005 sample showed higher values of sulfate and specific conductance compared with previous monitoring events; however, nitrate + nitrite and metals concentrations remained near or below detection limits (Table 2d).

Figures 2a, 2b, 2c, and 2d show trend plots of chloride, sulfate, specific conductance (SC), nitrate + nitrite, and dissolved iron, selenium, zinc, and selected VOCs for wells SIMW-1, SIMW-2, SIMW-3, and SIMW-4, respectively. The data show some seasonal and long-term variability, with some spikes in metals concentrations apparent in 1997 and 1999 at wells SIMW-2 and SIMW-3. Typically, iron and zinc concentrations are at or near detection limits, while selenium concentrations are at or near detection limits at SIMW-2 and SIMW-4 and show averages of 0.016 mg/L at SIMW-1 and 0.024 mg/L at SIMW-3 (Tables 2a, 2b, 2c, 2d).

Recent increasing trends (i.e., during the last five years) are evident for the following constituents based on the time-concentration plots: SC and nitrate + nitrite at well SIMW-1 (Figure 2a), nitrite + nitrite at well SIMW-2 (Figure 2b), and sulfate at well SIMW-3 (Figure 2c). It should be noted, however, that in most cases current concentrations are within the range of historical data, and are generally similar to data collected earlier in the period of record. The

increases in sulfate and SC noted at well SIMW-4 (Figure 2d) could be related to the significant increase in groundwater elevation (+11.77 feet) observed for the June 2005 monitoring event.

As an additional method to determine if groundwater concentrations are changing over time, the nonparametric Mann-Kendall test for trend (D.R. Helsel and R.M. Hirsch, 2002) was conducted on the data sets for wells SIMW-1, SIMW-2 and SIMW-3. Briefly stated, the test involves calculation of Kendall's S-statistic and Kendall's tau (τ), which is a measure of the strength of correlation between two variables. Statistical results are presented in Table 3. The significance level of $\alpha=0.05$ selected for the test is commonly used as a default level for statistical testing, and denotes a 5% chance that the test will conclude that there is a trend when in fact there is not. Note that, due to the prevalence of estimated values (values reported as present, but below reporting limits), the Mann-Kendall test was not conducted for organic parameters. In addition, since only four samples have been collected to date from well SIMW-4, statistical testing was not conducted for this well.

Statistically significant ($p<0.05$) trends were detected for three parameters: nitrate + nitrite and selenium at well SIMW-2, and SC at well SIMW-3 (Table 3). The trends at SIMW-2 are decreasing (negative τ), while the statistical results indicate an increasing SC trend at well SIMW-3, although the trend is not particularly strong ($\tau = 0.43$). The SC value at SIMW-3 for June 2005 of 879 $\mu\text{mhos/cm}$ is near the upper end of the range of observed historical values (Table 2c). While SC values at this well did show an increase from about 1999 through 2001, during recent years the values have stabilized (Figure 2c).

If you have any questions regarding this data report, please feel free to contact me at (406) 443-4150, ext. 146.

Sincerely,


for

Mark Walker
Chemist

Enclosures

c: Sanitation, Inc. Landfill
Barry Damschen Consulting, LLC

REFERENCES

- Entranco, 2002. Sanitation, Inc. Letter Report from Bruce Siegmund to Pat Potts, MDEQ dated March 21, 2002.
- Helsel, D.R. and R.M. Hirsch, 2002. *Statistical Methods in Water Resources*. Techniques of Water-Resources Investigations of the United States Geological Survey, Book 4, Chapter A3. September 2002..
- Hydrometrics, 2004. Sanitation, Inc. Landfill, Lewistown, Montana, June 2004 Groundwater Sampling Report. September, 2004.

TABLES

TABLE 1. WATER LEVEL MEASUREMENT RESULTS

Well	June 2005 Static Water Level (ft bmp)	June 2005 Groundwater Elevation (ft)
SIMW-1	44.42	4093.46
SIMW-2	33.68	4090.03
SIMW-3	31.17	4079.74
SIMW-4	29.35	4048.72
SIP-1	33.54	4086.70
SIP-2	49.65	4101.69

NOTES: bmp = below measuring point
 nc = not calculated (no static water level measured)

Table 2a. SIMW-1 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoro- methane (µg/L)	1,1,1-trichloro- ethane (µg/L)	trichlorofluoro- methane (µg/L)
8/16/1995	26	95	958	4.49	<0.03	0.017	<0.01	0.65(j)	0.67(j)	0.49(j)
6/10/1996				4.24	<0.03	0.016	0.02	0.58(j)	0.34(j)	0.4(j)
6/3/1997	25	92	786	5.56	0.04	0.014	0.03	0.53(j)	0.77(j)	0.47(j)
11/4/1997	24	81	751	3.74	<0.03	0.019	0.02	0.68(j)	0.4(j)	0.33(j)
10/6/1998				5.52				0.54(j)	0.42(j)	0.37(j)
6/15/1999	23	77	686	4.04	<0.03	0.018	0.02	0.53(j)	0.43(j)	0.39(j)
10/6/1999	25	79	759	4.06	<0.03	0.017	0.04	0.54(j)	<1	<1
6/27/2000	22	70	755	3.6	<0.03	0.016	<0.01	0.59(j)	<1	<1
10/17/2000	30	98	756	2.82	<0.03	0.009	0.04	0.43(j)	0.33(j)	0.28(j)
7/22/2003	22	68	798	4.47	<0.03	0.018	0.03	0.38(j)	0.3(j)	0.23(j)
6/21/2004	24	79	845	3.88	<0.03	0.014	<0.01	<1	<1	<1
6/18/2005	27	95	920	4.98	<0.03	0.019	<0.01	<1	<1	<1
n	10	10	10	12	11	11	11	12	12	12
% BD	0%	0%	0%	0%	91%	0%	36%	17%	33%	33%
Average	25	83	801	4.28	0	0.016	0.022	0.621	0.638	0.580
Median	24.5	80	773	4.15	<0.03	0.017	0.02	0.56	0.55	0.435
Minimum	22	68	686	2.82	<0.03	0.009	<0.01	0.38	0.3	0.23
Maximum	30	98	958	5.56	0.04	0.019	0.04	1	<1	<1

NOTES: n = number of samples

%BD = percent of samples below detection limits

Below defect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 2b. SIMW-2 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
8/16/1995	55	224	1480	3.78	<0.03	0.006	<0.01
6/10/1996	47	195	1180	4.18	<0.03	0.008	<0.01
10/22/1996	62	214	1180	2.6	1.29	<0.005	0.03
6/3/1997	63	202	1040	2.11	0.06	0.014	0.06
11/4/1997	58	211	1110	3.95	<0.03	0.008	<0.01
6/16/1998	56	201	1150	2.32	0.05	0.005	0.02
10/6/1998	56	203	1140	3.97	0.05	0.006	0.02
6/15/1999	30	177	1170	3.26	<0.03	0.006	0.01
10/6/1999	50	193	1100	2.46	<0.03	0.006	0.08
6/27/2000	59	199	1100	2.57	<0.03	0.005	<0.01
10/17/2000	61	201	1130	1.93	<0.03	0.005	<0.01
7/16/2001	67	214	1140	1.05	<0.03	<0.005	0.01
10/30/2001	61	205	1170	0.94	0.08	<0.005	0.01
10/26/2002	62	216	1240	1.04	0.05	<0.005	0.02
7/22/2003	62	187	1140	1.3	<0.03	<0.005	<0.01
10/15/2003	63	211	1110	1.78	1.5	<0.005	<0.01
6/21/2004	58	211	1160	2.34	<0.03	<0.005	<0.01
10/25/2004	61	205	1220	1.94	<0.03	<0.005	<0.01
6/18/2005	60	201	1180	3.01	<0.03	<0.005	<0.01
n	19	19	19	19	19	19	19
% BD	0%	0%	0%	0%	63%	47%	53%
Average	57	204	1165	2.45	0	0.006	0.019
Median	60	203	1150	2.34	<0.03	0.005	0.01
Minimum	30	177	1040	0.94	<0.03	<0.005	<0.01
Maximum	67	224	1480	4.18	1.5	0.014	0.08

NOTES: n = number of samples
%BD = percent of samples below detection limits
Below detect values replaced with detection limit for calculation of averages

Table 2c. SIMW-3 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)	dichlorodifluoromethane (µg/L)
8/16/1995	34	140	893	8.96	<0.03	0.021	<0.01	0.2(j)
6/10/1996	30	139	750	9.25	0.1	0.022	<0.01	<1
10/22/1996	34	133	706	9.09	0.03	0.019	<0.01	<1
6/3/1997	27	134	683	9.08	<0.03			<1
11/4/1997	30	131	767	9.35	<0.03	0.023	<0.01	<1
1/16/1998	23	129	739	12.2	0.24	0.019	<0.01	1.2
10/6/1998	25	128	731	11	<0.03	0.017	0.01	0.45(j)
6/15/1999	25	121	707	11.7	12.9	0.074	0.47	0.55(j)
10/6/1999	27	124	744	11.5	<0.03	0.019	0.02	<1
6/27/2000	30	135	797	10.1	<0.03	0.023	0.01	0.32(j)
10/17/2000	32	139	808	9.76	<0.03	0.024	0.01	0.3(j)
7/6/2001	36	135	870	8.79	<0.03	0.021	<0.01	0.34(j)
10/30/2001	35	134	866	10.7	<0.03	0.02	0.03	<1
10/26/2002	30	140	879	8.69	<0.03	0.025	0.02	<1
7/22/2003	30	135	811	9.72	0.77	0.022	<0.01	0.27(j)
10/15/2003	31	143	799	9.13	0.22	0.021	<0.01	0.33(j)
6/21/2004	31	143	802	8.06	0.34	0.021	<0.01	<1
10/25/2004	27	136	869	8.35	<0.03	0.023	<0.01	0.31(j)
6/18/2005	29	148	879	10.6	<0.03	0.018	<0.01	<1
n	19	19	19	19	19	18	18	19
% BD	0%	0%	0%	0%	63%	0%	61%	47%
Average	30	135	795	9.8	0.79	0.024	0.04	0.70
Median	30	135	799	9.35	<0.03	0.021	<0.01	<1
Minimum	23	121	683	8.06	<0.03	0.017	<0.01	0.2(j)
Maximum	36	148	893	12.2	12.9	0.074	0.47	1.2

NOTES: n = number of samples

%BD = percent of samples below detection limits

Below defect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 2d. SIMW-4 Groundwater Quality Results and Summary Statistics

Date	Cl (mg/L)	SO4 (mg/L)	SC (umhos/cm)	NO3 + NO2 (mg/L as N)	Fe (diss) (mg/L)	Se (diss) (mg/L)	Zn (diss) (mg/L)
10/15/2003	135	167	1370	<0.05	0.06	<0.005	<0.01
6/21/2004	161	152	1500	0.63	<0.03	<0.005	<0.01
10/25/2004	116	161	1460	<0.05	<0.03	<0.005	<0.01
6/18/2005	175	228	2060	<0.05	0.04	<0.005	<0.01
n	4	4	4	4	4	4	4
% BD	0%	0%	0%	75%	50%	100%	100%
Average	147	177	1598	0.20	0	<0.005	<0.01
Median	148	164	1480	<0.05	<0.035	<0.005	<0.01
Minimum	116	152	1370	<0.05	<0.03	<0.005	<0.01
Maximum	175	228	2060	0.63	0.06	<0.005	<0.01

NOTES:

n = number of samples

%BD = percent of samples below detection limits

Below defect values replaced with detection limit for calculation of averages

(j) Estimated value; analyte present but less than the reporting limit.

Table 3. Statistical Test Results

Well	Parameter	Mann-Kendall Trend Test Results		
		S	τ	p
SIMW-1	chloride	-4	-0.09	0.786
	sulfate	-9	-0.20	0.471
	SC	11	0.24	0.371
	nitrate + nitrite	-14	-0.21	0.373
	Fe (diss)	-6	-0.11	0.429
	Se (diss)	0	0.00	1.000
	Zn (diss)	-2	-0.04	0.935
SIMW-2	chloride	46	0.27	0.113
	sulfate	-3	-0.02	0.944
	SC	10	0.06	0.751
	nitrate + nitrite	-65	-0.38	0.025
	Fe (diss)	-14	-0.08	0.596
	Se (diss)	-95	-0.56	0.0004
	Zn (diss)	-40	-0.23	0.136
SIMW-3	chloride	7	0.04	0.831
	sulfate	54	0.32	0.062
	SC	74	0.43	0.011
	nitrate + nitrite	-25	-0.15	0.401
	Fe (diss)	1	0.01	1.000
	Se (diss)	6	0.04	0.848
	Zn (diss)	-2	-0.01	0.965

NOTE: **Bold** values indicate rejection of "no-trend" hypothesis at confidence level $\alpha = 0.05$ (i.e., $p < 0.05$).

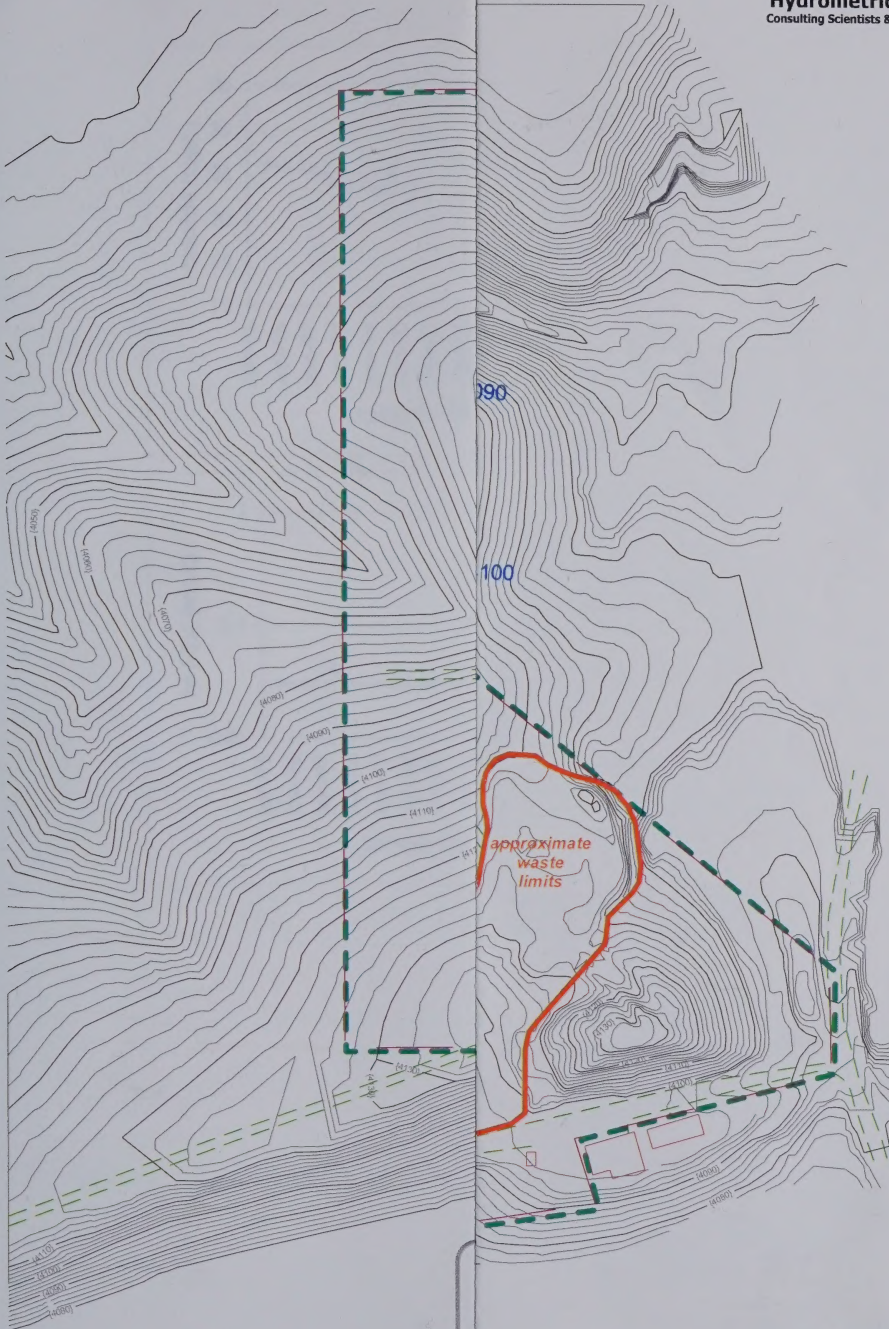
The Mann-Kendall test for trend is conducted according to methods presented in *Statistical Methods in Water Resources* by D.R. Helsel and R.M. Hirsch (2002). The test is a nonparametric method of assessing whether values over time tend to remain constant (null hypothesis) or tend to show an increasing or decreasing trend. The calculated statistics are as follows:

Kendall's S: compares each value in a data set to each subsequently collected value. S is an overall measure of whether subsequent values tend to be greater or less than a given value. If S is positive, subsequent values tend to be greater; if negative, subsequent values tend to be smaller. The closer S is to 0, the less evidence there is of any trend.

Kendall's tau: Kendall's tau is a correlation coefficient analogous to the more familiar Pearson's R. Tau can range from -1 to +1, with +1 indicating a strong increasing trend (increasing concentrations with time), and -1 indicating a strong negative trend (decreasing concentrations with time).

p-value: p-values are a measure of the significance of the above test statistics. Typically, when p is less than some established decision level α , then the null hypothesis (i.e., the assumption of no trend in this case) is rejected.

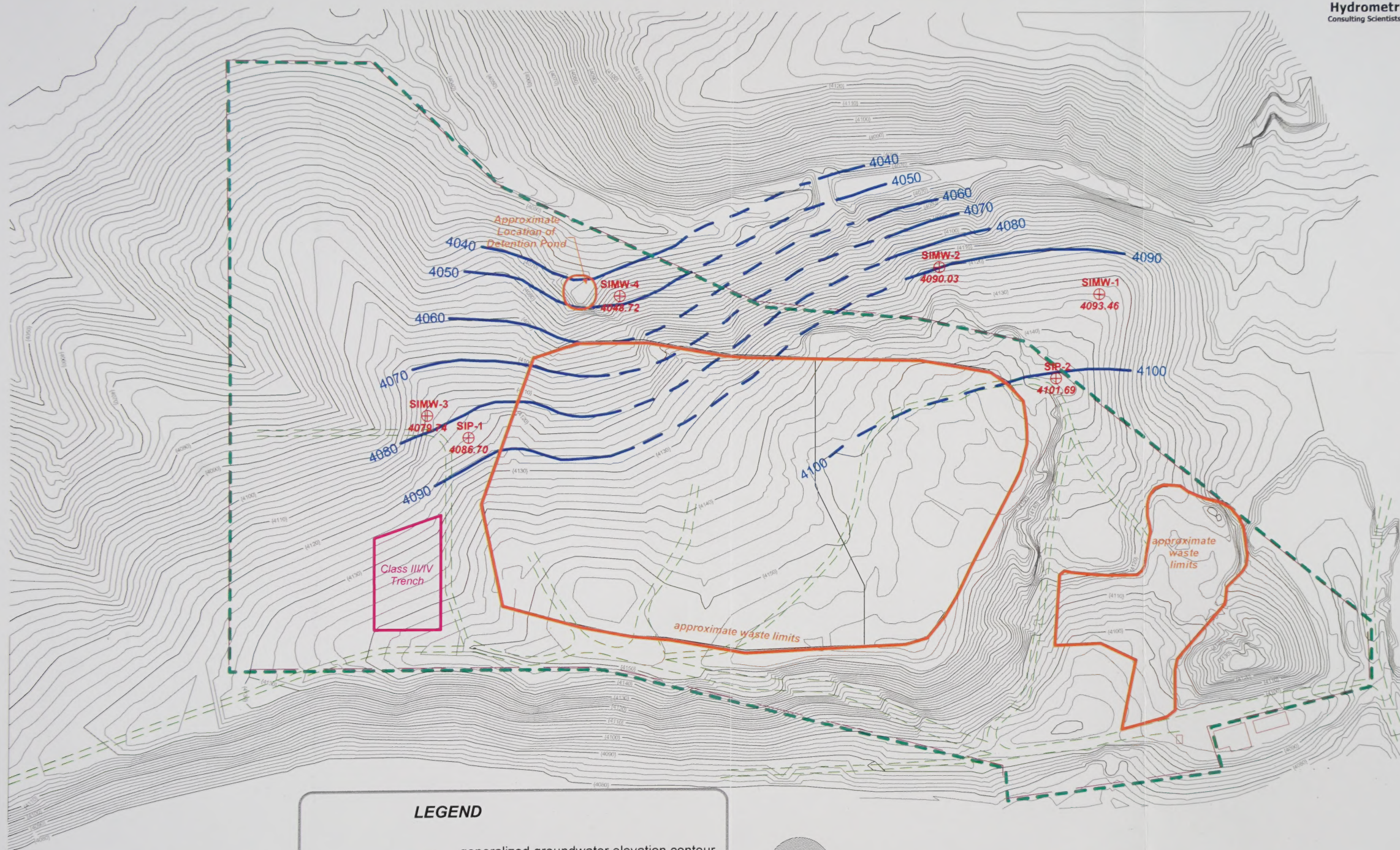
FIGURES



Groundwater Elevations and
Potentiometric Contours
Hydrometrics, Inc. Landfill
Bismarck, Montana

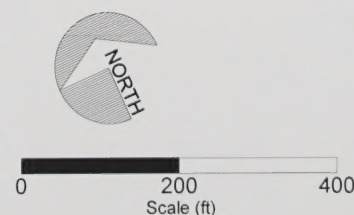
FIGURE

1



LEGEND

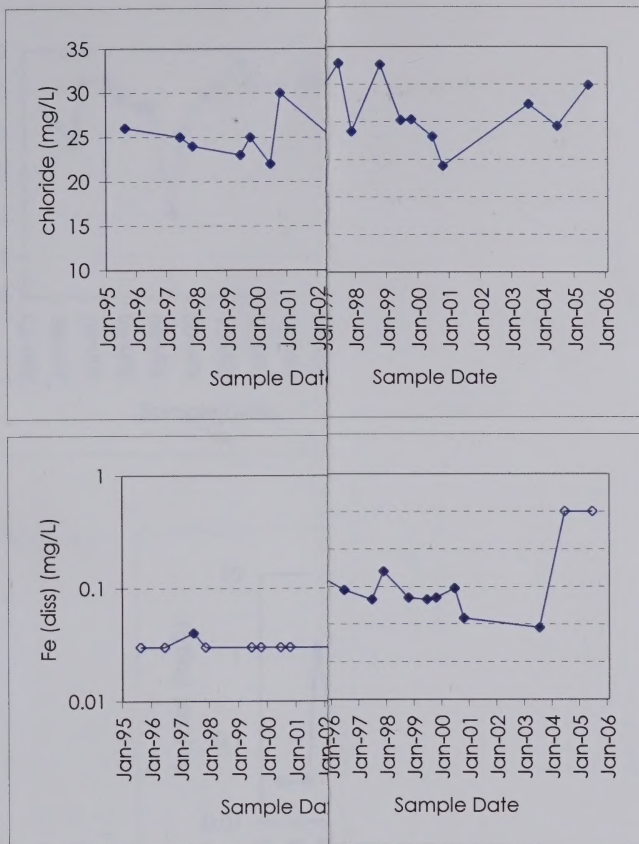
- 4080 ————— generalized groundwater elevation contour
(dashed where inferred)
- SIMW-3
⊕
4079.74 well/piezometer location with
June 18, 2005
groundwater elevation



June 2005 Groundwater Elevations and
Generalized Potentiometric Contours
Sanitation, Inc. Landfill
Lewistown, Montana

FIGURE

1



NOTE: open symbols indicate value

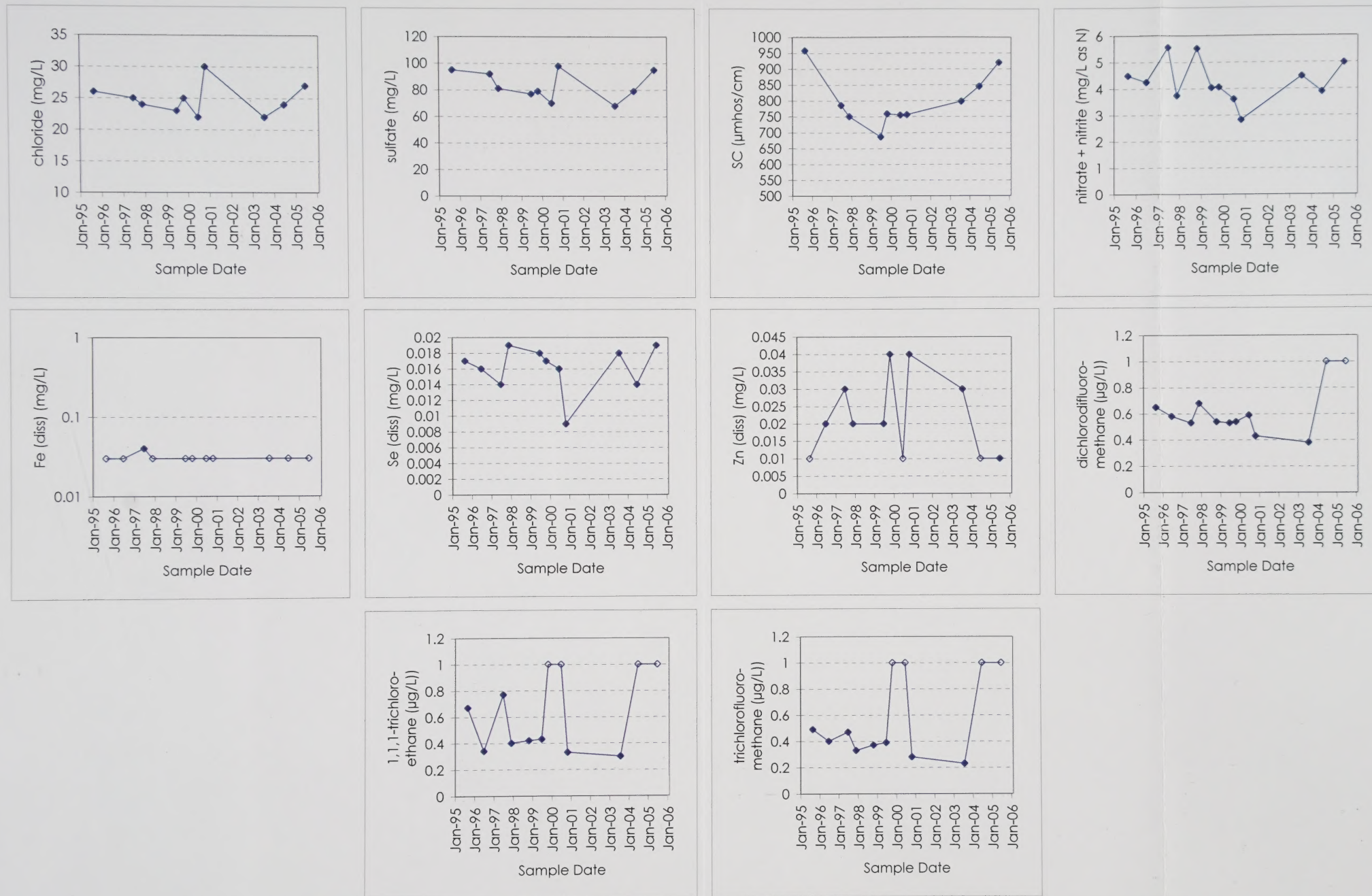
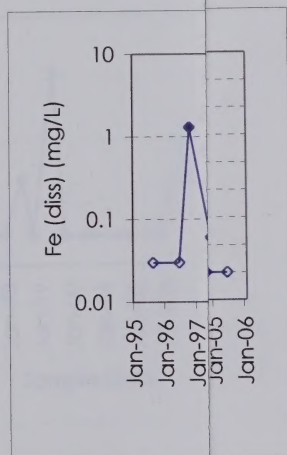
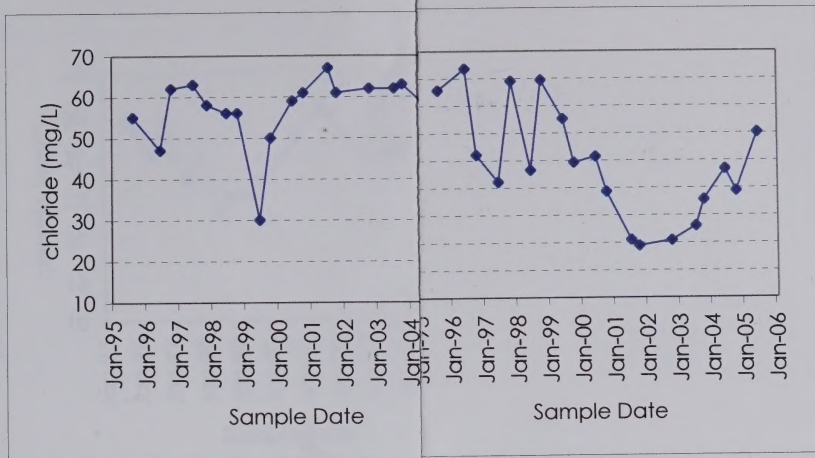


Figure 2a. SIMW-1 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below

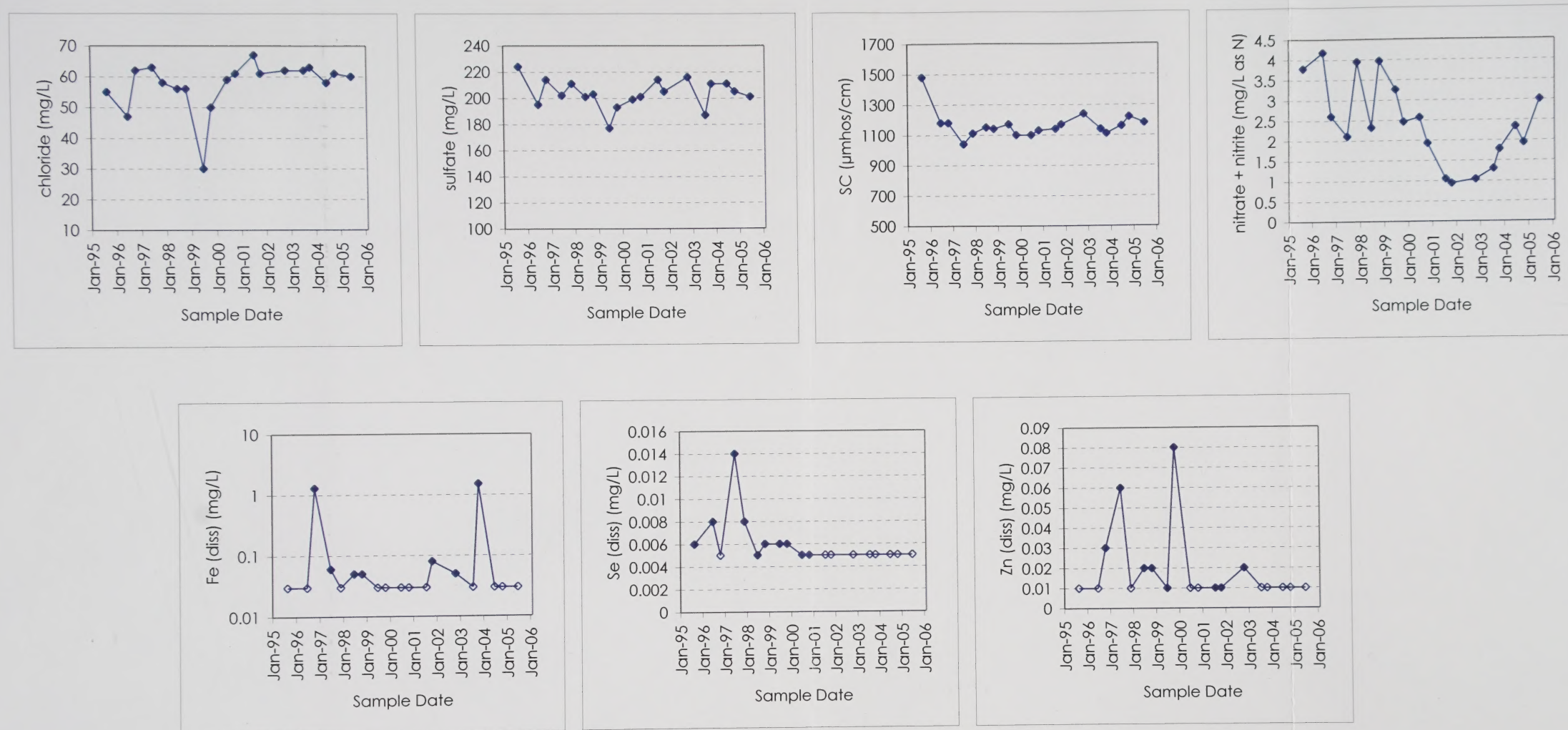
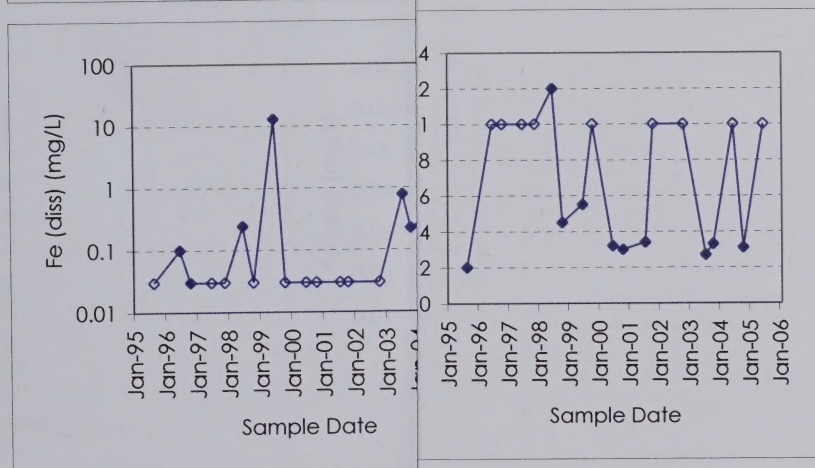
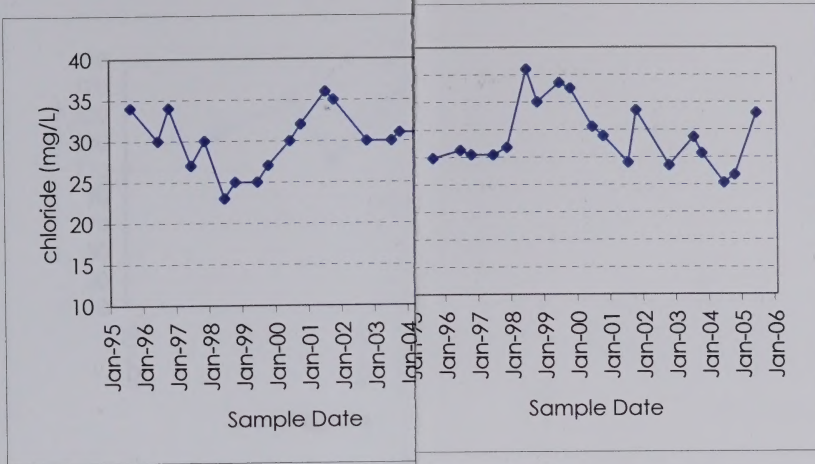


Figure 2b. SIMW-2 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below 0.01 mg/L

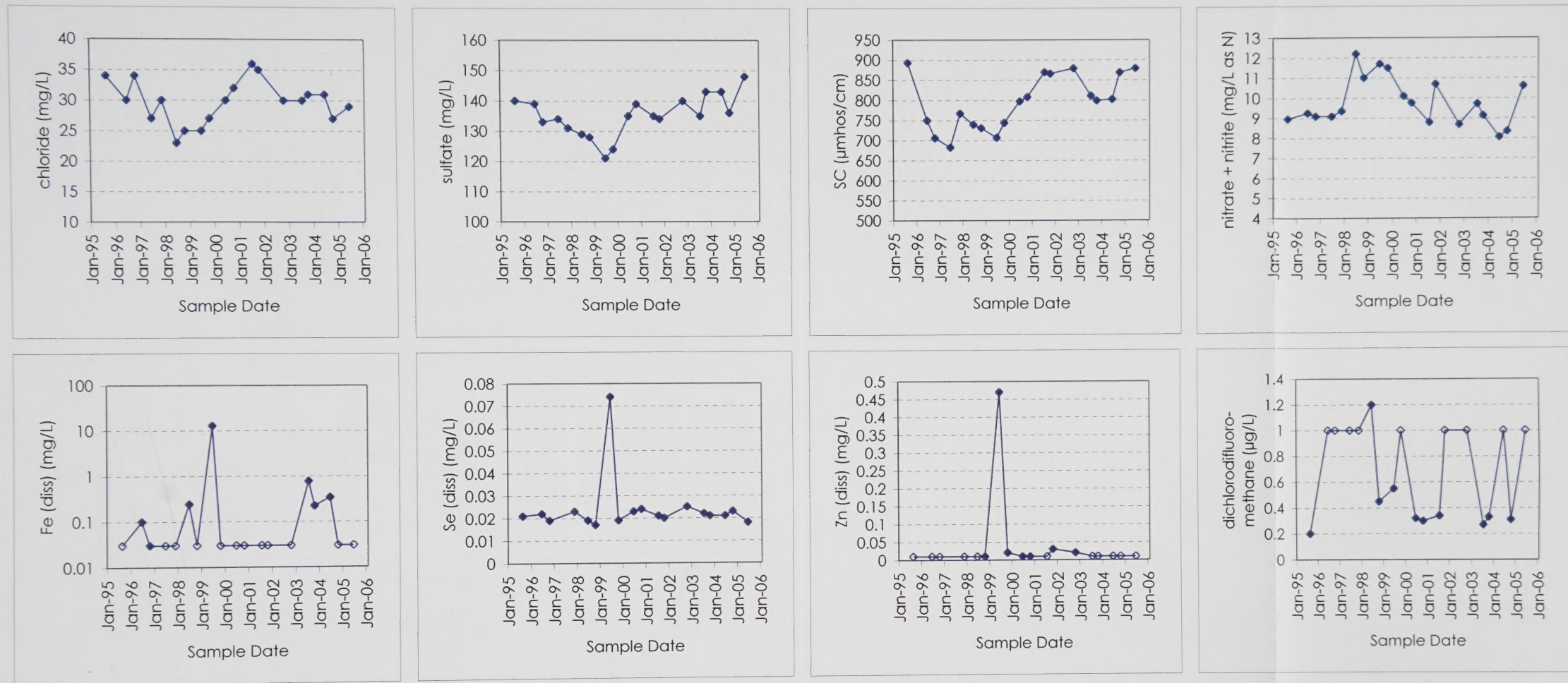
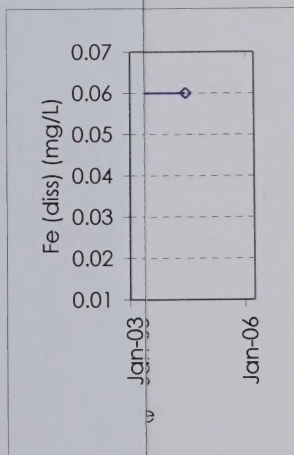
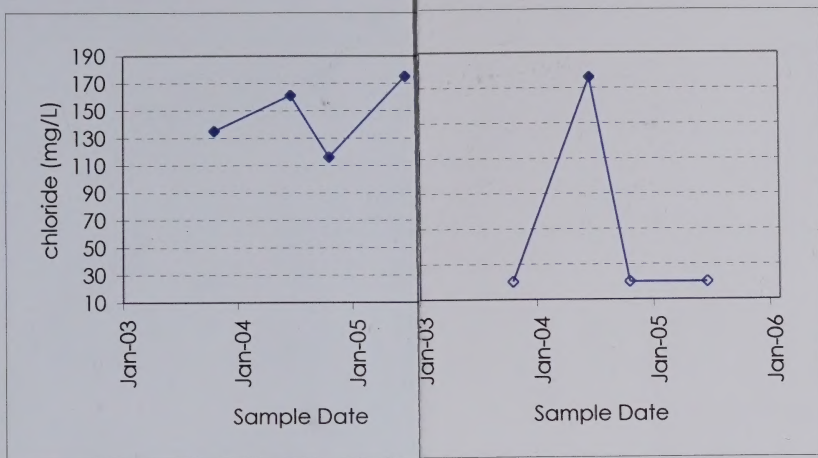


Figure 2c. SIMW-3 Water Quality Trends

NOTE: open symbols indicate value below detection limit



NOTE: open symbols indicate value below

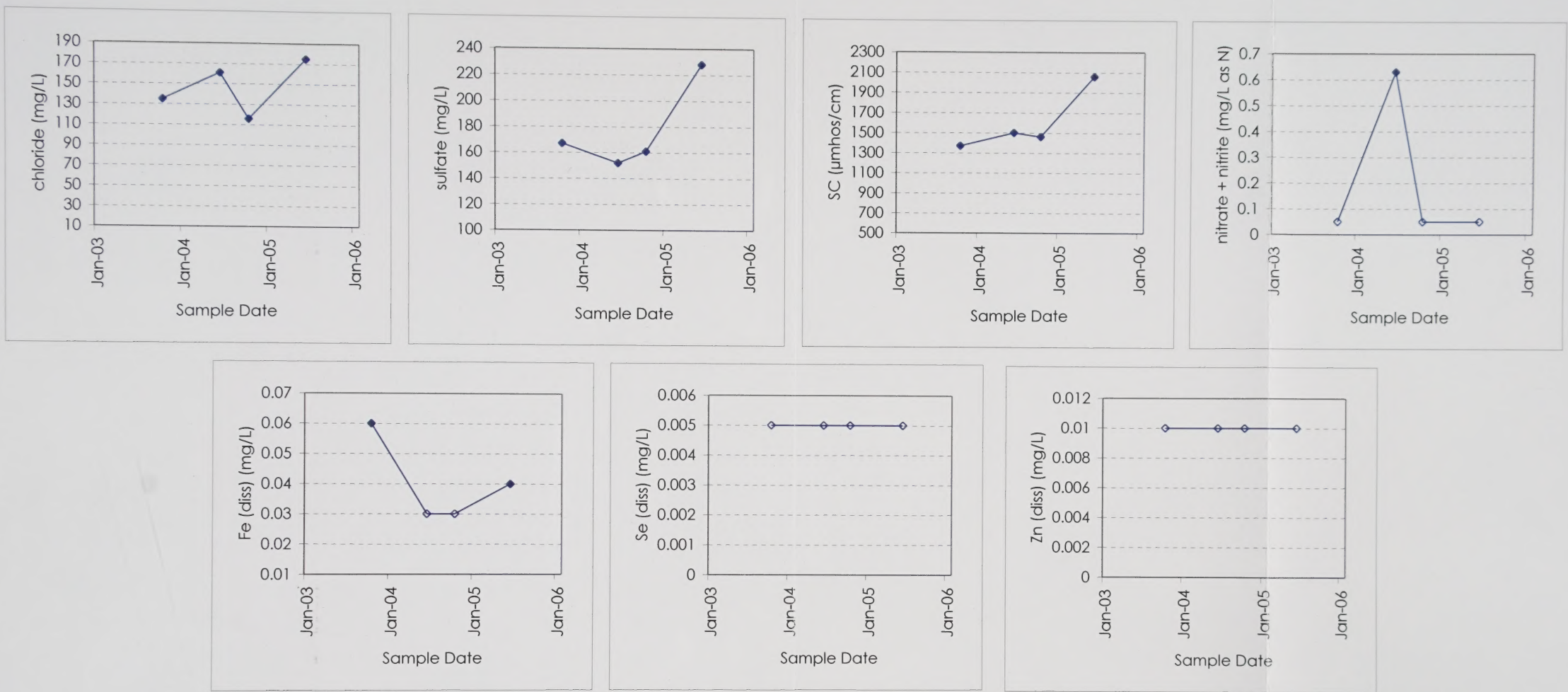


Figure 2d. SIMW-4 Water Quality Trends

NOTE: open symbols indicate value below detection limit

ATTACHMENT 1

FIELD NOTES AND LABORATORY REPORT

pH - SC - Temp.

Instrument Calibration Form

Meter Type: HyDac D16 PCT/PH Comp (033538)

Serial No: 020644559

Project Name: SAN. INC. GILL

Date: 6-18-05

Personnel: Bay D.

Weather: Sunny 60's

PH CALIBRATION

Time	Buffer	Temperature	Reading
1030	4	72.9	
	7	72.4	6.92 → 7
1030	10	72.4	9.95 → 10

Calibration Check: _____

SPECIFIC CONDUCTANCE CALIBRATION

Time	Standard	Temperature	Reading	Cell Factor
1030	1413	68.0	1361	

Notes: _____

BARRY DAMSCHEN CONSULTING, LLC.
Helena, Montana

Ground-Water Monitoring Field Report

Project: San Inc. Landfill Well: Sima-1

Personnel: Barry Damschen

Date: ~~6-18-05~~ 6-18-05 Time: 1115

Conditions: Sunny 60°

Static Water Level: 44.42 Total Depth Purged: _____

Purge Method: hand bailer Volume Purged: 1/2 day

	Volume	Temperature	Conductivity	pH
1.	<u>1/2 gal</u>	<u>60.5</u>	<u>1020</u>	<u>7.00</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.05 time 8:40 depth: 46.2

Comments: draw enough for voc's - came back and got
rest of sample after 1 hr.

SIP-2 49.65

BARRY DAMSCHEN CONSULTING, LLC.
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN Inc Landfill Well: 5MW-2

Personnel: ~~Barry Damsch~~ Barry Damsch

Date: 6-18-05 Time: 1200

Conditions: 5-11-1 - 605

Static Water Level: 33.68 Total Depth Purged: _____

Purge Method: hand bail Volume Purged: 2 gal by

	Volume	Temperature	Conductivity	pH
1.	<u>2 gal</u>	<u>59.2</u>	<u>1290</u>	<u>6.82</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.10 time 9 sec depth: 40.9

Comments:

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: Sanitation Inc C fill Well: Sma-3

Personnel: Ben Dgarden

Date: 6-18-05 Time: 1315

Conditions: Sunny - 70°

Static Water Level: 31.17 Total Depth Purged: _____

Purge Method: hand h.s. 1 Volume Purged: 2 gal by

	Volume	Temperature	Conductivity	pH
1.	<u>2 gal</u>	<u>57.1</u>	<u>946</u>	<u>7.04</u>
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.10 time 16 sec depth: 36.1

Comments:

~~33.54~~

SIP #1 = 33.54

BARRY DAMSCHEN CONSULTING, LLC
Helena, Montana

Ground-Water Monitoring Field Report

Project: SAN. INC. C-11 Well: SMW-44D

Personnel: Barry Damschen

Date: 6-18-05 Time: 1430

Conditions: SLY-76's

Static Water Level: 29.35 Total Depth Purged: _____

Purge Method: had bailer Volume Purged: 10 + gal.

	Volume	Temperature	Conductivity	pH
1.	<u>5 1/4</u>	<u>56.8</u>	<u>2220</u>	<u>6.35</u>
2.	<u>6 1/2</u>	<u>52.0</u>	<u>2140</u>	<u>6.47</u>
3.	<u>7 1/2</u>	<u>50.0</u>	<u>2090</u>	<u>6.57</u>
4.	<u>9 gal</u>	<u>52.9</u>	<u>2330</u>	<u>6.40</u>
5.	<u>10 gal</u>	<u>50.8</u>	<u>2320</u>	<u>6.51</u>

Pumping Level: _____ (Bladder Pump)

or

Recovery (Inertial or bailer):

h1 0 h2 0.10 time 5 sec depth: 36.1

Comments:

ANALYTICAL SUMMARY REPORT

June 28, 2005

Sanitation Inc.
PO Box 882
Lewistown, MT 59457

Workorder No.: H05060169

Project Name: Sanitation Inc. Landfill

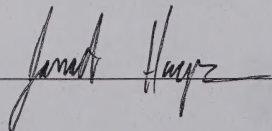
Energy Laboratories Inc received the following 6 samples from Sanitation Inc. on 6/20/2005 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H05060169-001	SIMW-1	06/20/05 11:15	06/20/05	Aqueous	Metals by ICP/ICPMS, Dissolved Chloride Cyanide, Total Manual Distillation Total Cyanide Digestion Chemical Oxygen Demand Conductivity Nitrogen, Nitrate + Nitrite pH Sulfate 8260-Volatile Organic Comp, 40 CFR Part 258 App I
H05060169-002	Trip Blank	06/18/05 0:00	06/20/05	Trip Blank	8260-Volatile Organic Comp, 40 CFR Part 258 App I
H05060169-003	SIMW-2	06/18/05 12:00	06/20/05	Aqueous	Metals by ICP/ICPMS, Dissolved Chloride Cyanide, Total Manual Distillation Total Cyanide Digestion Chemical Oxygen Demand Conductivity Nitrogen, Nitrate + Nitrite pH Sulfate 8260-Volatile Organic Comp, 40 CFR Part 258 App I
H05060169-004	SIMW-3	06/18/05 13:15	06/20/05	Aqueous	Same As Above
H05060169-005	SIMW-4	06/18/05 14:30	06/20/05	Aqueous	Same As Above
H05060169-006	SIMW-4D	06/18/05 14:30	06/20/05	Aqueous	Same As Above

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative or Report.

If you have any questions regarding these tests results, please call.

Report Approved By: _____



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-001
Client Sample ID: SIMW-1

Report Date: 06/28/05
Collection Date: 06/20/05 11:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.5	s.u.		0.1		E150.1	06/20/05 14:49 / ljm
Conductivity	920	umhos/cm		1		A2510 B	06/20/05 14:35 / ljm
INORGANICS							
Sulfate	951	mg/L	D	2		A4500-SO4 E	06/22/05 11:05 / ljm
Chloride	27	mg/L		1		A4500-Cl B	06/20/05 12:13 / ljm
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/21/05 13:08 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	8	mg/L		1		E410.4	06/21/05 00:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	4.98	mg/L		0.05		E353.2	06/21/05 10:30 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/22/05 16:39 / jjw
Arsenic	ND	mg/L		0.005		E200.8	06/24/05 17:28 / car
Barium	ND	mg/L		0.1		E200.7	06/22/05 16:39 / jjw
Beryllium	ND	mg/L		0.001		E200.7	06/22/05 16:39 / jjw
Cadmium	ND	mg/L		0.001		E200.7	06/22/05 16:39 / jjw
Chromium	ND	mg/L		0.01		E200.8	06/24/05 17:28 / car
Cobalt	ND	mg/L		0.01		E200.7	06/22/05 16:39 / jjw
Copper	ND	mg/L		0.01		E200.8	06/24/05 17:28 / car
Iron	ND	mg/L		0.03		E200.7	06/22/05 16:39 / jjw
Lead	ND	mg/L		0.01		E200.8	06/24/05 17:28 / car
Mercury	ND	mg/L		0.001		E200.8	06/24/05 17:28 / car
Nickel	ND	mg/L		0.01		E200.7	06/22/05 16:39 / jjw
Selenium	0.019	mg/L		0.005		E200.8	06/24/05 17:28 / car
Silver	ND	mg/L		0.005		E200.7	06/22/05 16:39 / jjw
Thallium	ND	mg/L		0.1		E200.7	06/22/05 16:39 / jjw
Vanadium	ND	mg/L		0.1		E200.7	06/22/05 16:39 / jjw
Zinc	ND	mg/L		0.01		E200.7	06/22/05 16:39 / jjw
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/23/05 16:06 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/23/05 16:06 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

D - RL increased due to sample matrix interference.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.

Project: Sanitation Inc. Landfill

Lab ID: H05060169-001

Client Sample ID: SIMW-1

Report Date: 06/28/05

Collection Date: 06/20/05 11:15

Date Received: 06/20/05

Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Chloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Chloroform	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Chloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Dibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
2-Hexanone	ND	ug/L		20		SW8260B	06/23/05 16:06 / trr
Iodomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/23/05 16:06 / trr
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/23/05 16:06 / trr
Methylene chloride	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Styrene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Toluene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Trichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-001
Client Sample ID: SIMW-1

Report Date: 06/28/05
Collection Date: 06/20/05 11:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/23/05 16:06 / trr
Surr: 1,2-Dichloroethane-d4	98.0	%REC			70-130	SW8260B	06/23/05 16:06 / trr
Surr: Dibromofluoromethane	98.8	%REC			77-126	SW8260B	06/23/05 16:06 / trr
Surr: p-Bromofluorobenzene	104	%REC			76-127	SW8260B	06/23/05 16:06 / trr
Surr: Toluene-d8	105	%REC			79-122	SW8260B	06/23/05 16:06 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-002
Client Sample ID: Trip Blank

Report Date: 06/28/05
Collection Date: 06/18/05
Date Received: 06/20/05
Matrix: Trip Blank

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/23/05 14:24 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/23/05 14:24 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Bromomethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Chloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Chloroform	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Chloromethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Dibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
2-Hexanone	ND	ug/L		20		SW8260B	06/23/05 14:24 / trr
Iodomethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/23/05 14:24 / trr
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/23/05 14:24 / trr
Methylene chloride	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Styrene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Toluene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-002
Client Sample ID: Trip Blank

Report Date: 06/28/05
Collection Date: 06/18/05
Date Received: 06/20/05
Matrix: Trip Blank

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Trichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/23/05 14:24 / trr
Surr: 1,2-Dichloroethane-d4	95.2	%REC			70-130	SW8260B	06/23/05 14:24 / trr
Surr: Dibromofluoromethane	96.4	%REC			77-126	SW8260B	06/23/05 14:24 / trr
Surr: p-Bromofluorobenzene	100	%REC			76-127	SW8260B	06/23/05 14:24 / trr
Surr: Toluene-d8	105	%REC			79-122	SW8260B	06/23/05 14:24 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-003
Client Sample ID: SIMW-2

Report Date: 06/28/05
Collection Date: 06/18/05 12:00
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.3	s.u.		0.1		E150.1	06/20/05 14:51 / ljm
Conductivity	1180	umhos/cm		1		A2510 B	06/20/05 14:36 / ljm
INORGANICS							
Sulfate	2010	mg/L	D	2		A4500-SO4 E	06/22/05 11:05 / ljm
Chloride	60	mg/L		1		A4500-Cl B	06/20/05 12:16 / ljm
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/21/05 13:09 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	10	mg/L		1		E410.4	06/21/05 00:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	3.01	mg/L		0.05		E353.2	06/21/05 10:32 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	06/24/05 18:17 / car
Arsenic	ND	mg/L		0.005		E200.8	06/24/05 18:17 / car
Barium	ND	mg/L		0.1		E200.7	06/22/05 16:43 / jjw
Beryllium	ND	mg/L		0.001		E200.7	06/22/05 16:43 / jjw
Cadmium	ND	mg/L		0.001		E200.8	06/24/05 18:17 / car
Chromium	ND	mg/L		0.01		E200.8	06/24/05 18:17 / car
Cobalt	ND	mg/L		0.01		E200.7	06/22/05 16:43 / jjw
Copper	ND	mg/L		0.01		E200.8	06/24/05 18:17 / car
Iron	ND	mg/L		0.03		E200.7	06/22/05 16:43 / jjw
Lead	ND	mg/L		0.01		E200.8	06/24/05 18:17 / car
Mercury	ND	mg/L		0.001		E200.8	06/24/05 18:17 / car
Nickel	ND	mg/L		0.01		E200.8	06/24/05 18:17 / car
Selenium	ND	mg/L		0.005		E200.8	06/24/05 18:17 / car
Silver	ND	mg/L		0.005		E200.8	06/24/05 18:17 / car
Thallium	ND	mg/L		0.1		E200.8	06/24/05 18:17 / car
Vanadium	ND	mg/L		0.1		E200.7	06/22/05 16:43 / jjw
Zinc	ND	mg/L		0.01		E200.7	06/22/05 16:43 / jjw
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/23/05 16:40 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/23/05 16:40 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-003
Client Sample ID: SIMW-2

Report Date: 06/28/05
Collection Date: 06/18/05 12:00
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Chloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Chloroform	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Chloromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Dibromomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
2-Hexanone	ND	ug/L		20		SW8260B	06/23/05 16:40 / trr
Iodomethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/23/05 16:40 / trr
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/23/05 16:40 / trr
Methylene chloride	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Styrene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Toluene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Trichloroethene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-003
Client Sample ID: SIMW-2

Report Date: 06/28/05
Collection Date: 06/18/05 12:00
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/23/05 16:40 / trr
Surr: 1,2-Dichloroethane-d4	98.8	%REC			70-130	SW8260B	06/23/05 16:40 / trr
Surr: Dibromofluoromethane	98.0	%REC			77-126	SW8260B	06/23/05 16:40 / trr
Surr: p-Bromofluorobenzene	102	%REC			76-127	SW8260B	06/23/05 16:40 / trr
Surr: Toluene-d8	103	%REC			79-122	SW8260B	06/23/05 16:40 / trr

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-004
Client Sample ID: SIMW-3

Report Date: 06/28/05
Collection Date: 06/18/05 13:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.4	s.u.		0.1		E150.1	06/20/05 14:52 / ljm
Conductivity	879	umhos/cm		1		A2510 B	06/20/05 14:37 / ljm
INORGANICS							
Sulfate	1480	mg/L	D	2		A4500-SO4 E	06/22/05 11:06 / ljm
Chloride	29	mg/L		1		A4500-Cl B	06/20/05 12:19 / ljm
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/21/05 13:17 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	15	mg/L		1		E410.4	06/21/05 00:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	10.6	mg/L		0.05		E353.2	06/21/05 10:34 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.7	06/22/05 17:27 / jjw
Arsenic	ND	mg/L		0.005		E200.8	06/24/05 18:24 / car
Barium	ND	mg/L		0.1		E200.7	06/22/05 17:27 / jjw
Beryllium	ND	mg/L		0.001		E200.7	06/22/05 17:27 / jjw
Cadmium	ND	mg/L		0.001		E200.7	06/22/05 17:27 / jjw
Chromium	ND	mg/L		0.01		E200.8	06/24/05 18:24 / car
Cobalt	ND	mg/L		0.01		E200.8	06/24/05 18:24 / car
Copper	ND	mg/L		0.01		E200.7	06/22/05 17:27 / jjw
Iron	ND	mg/L		0.03		E200.7	06/22/05 17:27 / jjw
Lead	ND	mg/L		0.01		E200.8	06/24/05 18:24 / car
Mercury	ND	mg/L		0.001		E200.8	06/24/05 18:24 / car
Nickel	ND	mg/L		0.01		E200.7	06/22/05 17:27 / jjw
Selenium	0.018	mg/L		0.005		E200.8	06/24/05 18:24 / car
Silver	ND	mg/L		0.005		E200.7	06/22/05 17:27 / jjw
Thallium	ND	mg/L		0.1		E200.7	06/22/05 17:27 / jjw
Vanadium	ND	mg/L		0.1		E200.7	06/22/05 17:27 / jjw
Zinc	ND	mg/L		0.01		E200.7	06/22/05 17:27 / jjw
VOLATILE ORGANIC COMPOUNDS							
Acetone	ND	ug/L		20		SW8260B	06/23/05 17:15 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/23/05 17:15 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-004
Client Sample ID: SIMW-3

Report Date: 06/28/05
Collection Date: 06/18/05 13:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/ RL QCL	Method	Analysis Date / By
VOLATILE ORGANIC COMPOUNDS						
Bromomethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Carbon disulfide	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Carbon tetrachloride	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Chlorobenzene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Chlorodibromomethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Chloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Chloroform	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Chloromethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2-Dibromoethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Dibromomethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Dichlorodifluoromethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1-Dichloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2-Dichloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1-Dichloroethene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2-Dichloropropane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Ethylbenzene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
2-Hexanone	ND	ug/L		20	SW8260B	06/23/05 17:15 / trr
Iodomethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Methyl ethyl ketone	ND	ug/L		20	SW8260B	06/23/05 17:15 / trr
Methyl isobutyl ketone	ND	ug/L		20	SW8260B	06/23/05 17:15 / trr
Methylene chloride	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Styrene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Tetrachloroethene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Toluene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,1,2-Trichloroethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Trichloroethene	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Trichlorofluoromethane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Vinyl acetate	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr
Vinyl chloride	ND	ug/L		1.0	SW8260B	06/23/05 17:15 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill
 Lab ID: H05060169-004
 Client Sample ID: SIMW-3

Report Date: 06/28/05
 Collection Date: 06/18/05 13:15
 Date Received: 06/20/05
 Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/23/05 17:15 / trr
Surr: 1,2-Dichloroethane-d4	104	%REC			70-130	SW8260B	06/23/05 17:15 / trr
Surr: Dibromofluoromethane	103	%REC			77-126	SW8260B	06/23/05 17:15 / trr
Surr: p-Bromofluorobenzene	104	%REC			76-127	SW8260B	06/23/05 17:15 / trr
Surr: Toluene-d8	105	%REC			79-122	SW8260B	06/23/05 17:15 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-005
Client Sample ID: SIMW-4

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.0	s.u.		0.1		E150.1	06/20/05 14:52 / ljm
Conductivity	2060	umhos/cm		1		A2510 B	06/20/05 14:39 / ljm
INORGANICS							
Sulfate	2280	mg/L	D	2		A4500-SO4 E	06/22/05 11:06 / ljm
Chloride	175	mg/L		1		A4500-Cl B	06/20/05 12:21 / ljm
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/21/05 13:18 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	100	mg/L		1		E410.4	06/21/05 00:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/21/05 10:40 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	06/24/05 18:31 / car
Arsenic	ND	mg/L		0.005		E200.8	06/24/05 18:31 / car
Barium	ND	mg/L		0.1		E200.7	06/22/05 17:31 / jjw
Beryllium	ND	mg/L		0.001		E200.7	06/22/05 17:31 / jjw
Cadmium	ND	mg/L		0.001		E200.8	06/24/05 18:31 / car
Chromium	ND	mg/L		0.01		E200.8	06/24/05 18:31 / car
Cobalt	ND	mg/L		0.01		E200.7	06/22/05 17:31 / jjw
Copper	ND	mg/L		0.01		E200.8	06/24/05 18:31 / car
Iron	0.04	mg/L		0.03		E200.7	06/22/05 17:31 / jjw
Lead	ND	mg/L		0.01		E200.8	06/24/05 18:31 / car
Mercury	ND	mg/L		0.001		E200.8	06/24/05 18:31 / car
Nickel	0.02	mg/L		0.01		E200.8	06/24/05 18:31 / car
Selenium	ND	mg/L		0.005		E200.8	06/24/05 18:31 / car
Silver	ND	mg/L		0.005		E200.8	06/24/05 18:31 / car
Thallium	ND	mg/L		0.1		E200.8	06/24/05 18:31 / car
Vanadium	ND	mg/L		0.1		E200.7	06/22/05 17:31 / jjw
Zinc	ND	mg/L		0.01		E200.7	06/22/05 17:31 / jjw
VOLATILE ORGANIC COMPOUNDS							
Acetone	13	ug/L	J	20		SW8260B	06/27/05 10:03 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/05 10:03 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
 D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.
 J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-005
Client Sample ID: SIMW-4

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Chloroform	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
2-Hexanone	ND	ug/L		20		SW8260B	06/27/05 10:03 / trr
Iodomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/05 10:03 / trr
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/27/05 10:03 / trr
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Styrene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Toluene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-005
Client Sample ID: SIMW-4

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		2.0		SW8260B	06/27/05 10:03 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/27/05 10:03 / trr
Surr: 1,2-Dichloroethane-d4	90.0	%REC			70-130	SW8260B	06/27/05 10:03 / trr
Surr: Dibromofluoromethane	94.8	%REC			77-126	SW8260B	06/27/05 10:03 / trr
Surr: p-Bromofluorobenzene	100	%REC			76-127	SW8260B	06/27/05 10:03 / trr
Surr: Toluene-d8	107	%REC			79-122	SW8260B	06/27/05 10:03 / trr
- The reporting limit reflects a 2 times dilution. The sample was diluted due to foaming.							

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-006
Client Sample ID: SIMW-4D

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
PHYSICAL PROPERTIES							
pH	7.0	s.u.		0.1		E150.1	06/20/05 14:53 / ljm
Conductivity	2080	umhos/cm		1		A2510 B	06/20/05 14:40 / ljm
INORGANICS							
Sulfate	2120	mg/L	D	2		A4500-SO4 E	06/22/05 11:07 / ljm
Chloride	176	mg/L		1		A4500-Cl B	06/20/05 12:24 / ljm
Cyanide, Total Manual Distillation	ND	mg/L		0.005		E335.4	06/21/05 13:20 / kjp
AGGREGATE ORGANICS							
Oxygen Demand, Chemical (COD)	110	mg/L		1		E410.4	06/21/05 00:00 / sld
NUTRIENTS							
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.05		E353.2	06/21/05 10:42 / sld
METALS, DISSOLVED							
Antimony	ND	mg/L		0.05		E200.8	06/24/05 18:38 / car
Arsenic	ND	mg/L		0.005		E200.8	06/24/05 18:38 / car
Barium	ND	mg/L		0.1		E200.7	06/22/05 17:35 / jjw
Beryllium	ND	mg/L		0.001		E200.7	06/22/05 17:35 / jjw
Cadmium	ND	mg/L		0.001		E200.8	06/24/05 18:38 / car
Chromium	ND	mg/L		0.01		E200.8	06/24/05 18:38 / car
Cobalt	ND	mg/L		0.01		E200.7	06/22/05 17:35 / jjw
Copper	ND	mg/L		0.01		E200.8	06/24/05 18:38 / car
Iron	ND	mg/L		0.03		E200.7	06/22/05 17:35 / jjw
Lead	ND	mg/L		0.01		E200.8	06/24/05 18:38 / car
Mercury	ND	mg/L		0.001		E200.8	06/24/05 18:38 / car
Nickel	0.02	mg/L		0.01		E200.8	06/24/05 18:38 / car
Selenium	ND	mg/L		0.005		E200.8	06/24/05 18:38 / car
Silver	ND	mg/L		0.005		E200.8	06/24/05 18:38 / car
Thallium	ND	mg/L		0.1		E200.8	06/24/05 18:38 / car
Vanadium	ND	mg/L		0.1		E200.7	06/22/05 17:35 / jjw
Zinc	ND	mg/L		0.01		E200.7	06/22/05 17:35 / jjw
VOLATILE ORGANIC COMPOUNDS							
Acetone	12	ug/L	J	20		SW8260B	06/27/05 10:37 / trr
Acrylonitrile	ND	ug/L		20		SW8260B	06/27/05 10:37 / trr
Benzene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Bromochloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Bromodichloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Bromoform	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

J - Estimated value. The analyte was present but less than the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-006
Client Sample ID: SIMW-4D

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
Bromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Carbon disulfide	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Carbon tetrachloride	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Chlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Chlorodibromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Chloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Chloroform	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Chloromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2-Dibromo-3-chloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2-Dibromoethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Dibromomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,4-Dichlorobenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
trans-1,4-Dichloro-2-butene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Dichlorodifluoromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2-Dichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
cis-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
trans-1,2-Dichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2-Dichloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
cis-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
trans-1,3-Dichloropropene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Ethylbenzene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
2-Hexanone	ND	ug/L		20		SW8260B	06/27/05 10:37 / trr
Iodomethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Methyl ethyl ketone	ND	ug/L		20		SW8260B	06/27/05 10:37 / trr
Methyl isobutyl ketone	ND	ug/L		20		SW8260B	06/27/05 10:37 / trr
Methylene chloride	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Styrene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1,1,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1,2,2-Tetrachloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Tetrachloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Toluene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1,1-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,1,2-Trichloroethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Trichloroethene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Trichlorofluoromethane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
1,2,3-Trichloropropane	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Vinyl acetate	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Vinyl chloride	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
 ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-006
Client Sample ID: SIMW-4D

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
VOLATILE ORGANIC COMPOUNDS							
m+p-Xylenes	ND	ug/L		2.0		SW8260B	06/27/05 10:37 / trr
o-Xylene	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Xylenes, Total	ND	ug/L		1.0		SW8260B	06/27/05 10:37 / trr
Surr: 1,2-Dichloroethane-d4	89.6	%REC			70-130	SW8260B	06/27/05 10:37 / trr
Surr: Dibromofluoromethane	95.2	%REC			77-126	SW8260B	06/27/05 10:37 / trr
Surr: p-Bromofluorobenzene	98.8	%REC			76-127	SW8260B	06/27/05 10:37 / trr
Surr: Toluene-d8	106	%REC			79-122	SW8260B	06/27/05 10:37 / trr

- The reporting limit reflects a 2 times dilution. The sample was diluted due to foaming.

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A2510 B		Analytical Run: COND_050620A							
Sample ID: CCV2_050620A	Continuing Calibration Verification								06/20/05 10:14
Conductivity	1410	umhos/cm	1.0	99.9	90	110			
Method: A2510 B		Batch: 050620A-COND-PROBE-W							
Sample ID: LCS1_050620A	Laboratory Control Spike								06/20/05 09:40
Conductivity	717	umhos/cm	1.0	100	90	110			
Sample ID: H05060153-011ADUP	Sample Duplicate								06/20/05 09:43
Conductivity	1010	umhos/cm	1.0				1.0	10	
Sample ID: H05060166-010BDUP	Sample Duplicate								06/20/05 09:59
Conductivity	1060	umhos/cm	1.0				0.4	10	
Sample ID: H05060169-005ADUP	Sample Duplicate								06/20/05 14:39
Conductivity	2070	umhos/cm	1.0				0.2	10	
Method: A4500-Cl B		Batch: 050620A-CL-TTR-W							
Sample ID: MBLK1_050620A	Method Blank								06/20/05 11:25
Chloride	0.5	mg/L	0.3						
Sample ID: LCS1_050620A	Laboratory Control Spike								06/20/05 11:27
Chloride	106	mg/L	1.0	105	90	110			
Sample ID: H05060166-001BDUP	Sample Duplicate								06/20/05 11:33
Chloride	167	mg/L	1.0				3.2	20	
Sample ID: H05060169-003ADUP	Sample Duplicate								06/20/05 12:18
Chloride	59.5	mg/L	1.0				1.2	20	
Sample ID: MBLK2_050620A	Method Blank								06/20/05 12:30
Chloride	0.6	mg/L	0.3						
Sample ID: H05060171-004ADUP	Sample Duplicate								06/20/05 12:48
Chloride	42.4	mg/L	1.0				1.7	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: A4500-SO4 E							Batch: 050621A-SO4-TURB-W		
Sample ID: MBLK1_050621A	Method Blank								06/22/05 10:53
Sulfate	0.6	mg/L	0.2						
Sample ID: LCS1_050621A	Laboratory Control Spike								06/22/05 10:53
Sulfate	51.9	mg/L	1.0	102	90	110			
Sample ID: H05060153-011ADUP	Sample Duplicate								06/22/05 10:54
Sulfate	924	mg/L	1.2				7.2	20	
Sample ID: H05060166-026BMS	Sample Matrix Spike								06/22/05 11:03
Sulfate	22.5	mg/L	1.0	98.5	80	120			
Sample ID: H05060166-026BMSD	Sample Matrix Spike Duplicate								06/22/05 11:03
Sulfate	21.7	mg/L	1.0	94.4	80	120	3.7	10	
Sample ID: H05060171-001ADUP	Sample Duplicate								06/22/05 11:08
Sulfate	5800	mg/L	2.3				0.4	20	
Method: E150.1							Analytical Run: PH_050620A		
Sample ID: CCV2_050620A	Continuing Calibration Verification								06/20/05 10:50
pH	10.0	s.u.	0.10	100	99	101			
Method: E150.1							Batch: 050620A-PH-W		
Sample ID: LCS1_050620A	Laboratory Control Spike								06/20/05 10:17
pH	6.99	s.u.	0.10	99.9	98.6	101.4			
Sample ID: H05060153-011ADUP	Sample Duplicate								06/20/05 10:18
pH	9.08	s.u.	0.10				0.8	2	
Sample ID: H05060166-010BDUP	Sample Duplicate								06/20/05 10:27
pH	7.38	s.u.	0.10				0.7	2	
Sample ID: H05060169-005ADUP	Sample Duplicate								06/20/05 14:52
pH	6.91	s.u.	0.10				0.6	2	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Analytical Run: SUB-B60744		
Sample ID: QCS	Initial Calibration Verification Standard						06/22/05 12:21		
Antimony	1.03	mg/L	0.030	103	94.51	105.49			
Barium	1.03	mg/L	0.10	103	94.51	105.49			
Beryllium	0.524	mg/L	0.010	105	94.51	105.49			
Cadmium	0.517	mg/L	0.010	103	94.51	105.49			
Cobalt	1.01	mg/L	0.020	101	94.51	105.49			
Copper	0.974	mg/L	0.010	97.4	94.51	105.49			
Iron	5.08	mg/L	0.030	102	94.51	105.49			
Nickel	1.01	mg/L	0.050	101	94.51	105.49			
Silver	0.474	mg/L	0.010	94.7	94.51	105.49			
Thallium	1.03	mg/L	0.10	103	94.51	105.49			
Vanadium	1.05	mg/L	0.10	105	94.51	105.49			
Zinc	1.02	mg/L	0.010	102	94.51	105.49			
Method: E200.7							Batch: B_R60744		
Sample ID: MB-TJADIS050621A	Method Blank						06/22/05 12:52		
Antimony	ND	mg/L	0.03						
Barium	ND	mg/L	0.0004						
Beryllium	ND	mg/L	0.0002						
Cadmium	ND	mg/L	0.001						
Cobalt	ND	mg/L	0.002						
Copper	ND	mg/L	0.008						
Iron	ND	mg/L	0.003						
Nickel	ND	mg/L	0.003						
Silver	ND	mg/L	0.004						
Thallium	ND	mg/L	0.1						
Vanadium	ND	mg/L	0.005						
Zinc	ND	mg/L	0.002						
Sample ID: B05061298-021CMS2	Sample Matrix Spike						06/22/05 14:02		
Antimony	1.062	mg/L	0.031	106	69.5	130.5			
Barium	1.754	mg/L	0.10	99.3	69.5	130.5			
Beryllium	0.5248	mg/L	0.0010	104	69.5	130.5			
Cadmium	0.5138	mg/L	0.0010	100	69.5	130.5			
Cobalt	1.000	mg/L	0.010	100	69.5	130.5			
Copper	2.544	mg/L	0.010	97.9	69.5	130.5			
Iron	5.879	mg/L	0.030	101	69.5	130.5			
Nickel	1.380	mg/L	0.010	98.5	69.5	130.5			
Silver	0.6969	mg/L	0.0050	60.1	69.5	130.5			S
Thallium	1.064	mg/L	0.10	106	69.5	130.5			
Vanadium	1.446	mg/L	0.10	101	69.5	130.5			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R60744		
Sample ID: B05061298-021CMS2	Sample Matrix Spike								06/22/05 14:02
Zinc	2.066	mg/L	0.010	98.3	69.5	130.5			
Sample ID: B05061298-021CMSD2	Sample Matrix Spike Duplicate								06/22/05 14:06
Antimony	1.069	mg/L	0.031	107	69.5	130.5	0.7	20	
Barium	1.766	mg/L	0.10	100	69.5	130.5	0.7	20	
Beryllium	0.5294	mg/L	0.0010	105	69.5	130.5	0.9	20	
Cadmium	0.5333	mg/L	0.0010	104	69.5	130.5	3.7	20	
Cobalt	1.041	mg/L	0.010	104	69.5	130.5	4.0	20	
Copper	2.562	mg/L	0.010	99.7	69.5	130.5	0.7	20	
Iron	6.112	mg/L	0.030	106	69.5	130.5	3.9	20	
Nickel	1.434	mg/L	0.010	104	69.5	130.5	3.8	20	
Silver	0.6222	mg/L	0.0050	45.1	69.5	130.5	11	20	S
Thallium	1.124	mg/L	0.10	112	69.5	130.5	5.5	20	
Vanadium	1.447	mg/L	0.10	101	69.5	130.5	0	20	
Zinc	2.151	mg/L	0.010	107	69.5	130.5	4.1	20	
Sample ID: B05061469-001BMS2	Sample Matrix Spike								06/22/05 14:15
Antimony	2.093	mg/L	0.061	105	70	130			
Barium	2.137	mg/L	0.10	105	70	130			
Beryllium	1.054	mg/L	0.0010	105	70	130			
Cadmium	1.032	mg/L	0.0020	103	70	130			
Cobalt	2.758	mg/L	0.010	102	70	130			
Copper	2.003	mg/L	0.014	100	70	130			
Iron	10.51	mg/L	0.030	104	70	130			
Nickel	2.054	mg/L	0.010	102	70	130			
Silver	0.9849	mg/L	0.0082	98.5	70	130			
Thallium	2.076	mg/L	0.20	104	70	130			
Vanadium	2.117	mg/L	0.10	106	70	130			
Zinc	2.095	mg/L	0.010	105	70	130			
Sample ID: B05061469-001BMSD2	Sample Matrix Spike Duplicate								06/22/05 14:19
Antimony	2.027	mg/L	0.061	101	70	130	3.2	20	
Barium	2.162	mg/L	0.10	106	70	130	1.1	20	
Beryllium	1.063	mg/L	0.0010	106	70	130	0.8	20	
Cadmium	1.048	mg/L	0.0020	105	70	130	1.5	20	
Cobalt	2.792	mg/L	0.010	104	70	130	1.2	20	
Copper	2.008	mg/L	0.014	100	70	130	0.2	20	
Iron	10.62	mg/L	0.030	105	70	130	1.0	20	
Nickel	2.085	mg/L	0.010	103	70	130	1.5	20	
Silver	1.014	mg/L	0.0082	101	70	130	2.9	20	
Thallium	2.274	mg/L	0.20	114	70	130	9.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc. Landfill

Report Date: 06/28/05

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: B_R60744
Sample ID: B05061469-001BMSD2	Sample Matrix Spike Duplicate								06/22/05 14:19
Vanadium	2.126	mg/L	0.10	106	70	130	0.4	20	
Zinc	2.121	mg/L	0.010	106	70	130	1.3	20	
Sample ID: B05061494-009DMS2	Sample Matrix Spike								06/22/05 15:41
Antimony	0.7922	mg/L	0.031	79.2	69.5	130.5			
Barium	1.096	mg/L	0.10	105	69.5	130.5			
Beryllium	0.5335	mg/L	0.0010	107	69.5	130.5			
Cadmium	0.5145	mg/L	0.0010	103	69.5	130.5			
Cobalt	1.029	mg/L	0.010	103	69.5	130.5			
Copper	1.004	mg/L	0.010	100	69.5	130.5			
Iron	5.258	mg/L	0.030	105	69.5	130.5			
Nickel	1.031	mg/L	0.010	102	69.5	130.5			
Silver	0.4352	mg/L	0.0050	87	69.5	130.5			
Thallium	1.104	mg/L	0.10	110	69.5	130.5			
Vanadium	1.077	mg/L	0.10	108	69.5	130.5			
Zinc	1.044	mg/L	0.010	104	69.5	130.5			
Sample ID: B05061494-009DMSD2	Sample Matrix Spike Duplicate								06/22/05 15:45
Barium	1.071	mg/L	0.10	103	69.5	130.5	2.3	20	
Beryllium	0.5207	mg/L	0.0010	104	69.5	130.5	2.4	20	
Cadmium	0.5130	mg/L	0.0010	102	69.5	130.5	0.3	20	
Cobalt	1.027	mg/L	0.010	103	69.5	130.5	0.2	20	
Copper	0.9914	mg/L	0.010	99.1	69.5	130.5	1.3	20	
Iron	5.270	mg/L	0.030	105	69.5	130.5	0.2	20	
Nickel	1.034	mg/L	0.010	103	69.5	130.5	0.3	20	
Silver	0.4279	mg/L	0.0050	85.6	69.5	130.5	1.7	20	
Thallium	1.089	mg/L	0.10	109	69.5	130.5	1.4	20	
Vanadium	1.043	mg/L	0.10	104	69.5	130.5	3.2	20	
Zinc	1.038	mg/L	0.010	104	69.5	130.5	0.6	20	
Sample ID: B05061511-003CMS2	Sample Matrix Spike								06/22/05 16:47
Antimony	2.082	mg/L	0.061	104	69.5	130.5			
Barium	2.147	mg/L	0.10	106	69.5	130.5			
Beryllium	1.073	mg/L	0.0010	107	69.5	130.5			
Cadmium	1.026	mg/L	0.0020	103	69.5	130.5			
Cobalt	2.051	mg/L	0.010	103	69.5	130.5			
Copper	2.037	mg/L	0.016	102	69.5	130.5			
Iron	10.41	mg/L	0.030	104	69.5	130.5			
Nickel	2.044	mg/L	0.010	102	69.5	130.5			
Silver	0.8960	mg/L	0.0082	89.6	69.5	130.5			
Thallium	2.051	mg/L	0.20	103	69.5	130.5			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R60744		
Sample ID: B05061511-003CMS2 Sample Matrix Spike							06/22/05 16:47		
Vanadium	2.158	mg/L	0.10	108	69.5	130.5			
Zinc	2.087	mg/L	0.010	104	69.5	130.5			
Sample ID: B05061511-003CMSD2 Sample Matrix Spike Duplicate							06/22/05 17:22		
Antimony	1.999	mg/L	0.061	100	69.5	130.5	4.0	20	
Barium	2.181	mg/L	0.10	108	69.5	130.5	1.6	20	
Beryllium	1.058	mg/L	0.0010	106	69.5	130.5	1.5	20	
Cadmium	1.018	mg/L	0.0020	102	69.5	130.5	0.8	20	
Cobalt	2.034	mg/L	0.010	102	69.5	130.5	0.8	20	
Copper	2.057	mg/L	0.016	103	69.5	130.5	1.0	20	
Iron	10.23	mg/L	0.030	102	69.5	130.5	1.8	20	
Nickel	1.997	mg/L	0.010	99.2	69.5	130.5	2.3	20	
Silver	0.8658	mg/L	0.0082	86.6	69.5	130.5	3.4	20	
Thallium	2.108	mg/L	0.20	105	69.5	130.5	2.7	20	
Vanadium	2.118	mg/L	0.10	106	69.5	130.5	1.9	20	
Zinc	2.086	mg/L	0.010	104	69.5	130.5	0	20	
Sample ID: B05061527-003CMS2 Sample Matrix Spike							06/22/05 18:20		
Antimony	1.048	mg/L	0.031	105	69.5	130.5			
Barium	1.102	mg/L	0.10	106	69.5	130.5			
Beryllium	0.5262	mg/L	0.0010	105	69.5	130.5			
Cadmium	0.5227	mg/L	0.0010	105	69.5	130.5			
Cobalt	1.043	mg/L	0.010	104	69.5	130.5			
Copper	1.015	mg/L	0.010	102	69.5	130.5			
Iron	5.273	mg/L	0.030	105	69.5	130.5			
Nickel	1.029	mg/L	0.010	103	69.5	130.5			
Silver	0.4391	mg/L	0.0050	87.8	69.5	130.5			
Thallium	1.098	mg/L	0.10	110	69.5	130.5			
Vanadium	1.059	mg/L	0.10	104	69.5	130.5			
Zinc	1.050	mg/L	0.010	105	69.5	130.5			
Sample ID: B05061527-003CMSD2 Sample Matrix Spike Duplicate							06/22/05 18:24		
Antimony	1.019	mg/L	0.031	102	69.5	130.5	2.8	20	
Barium	1.086	mg/L	0.10	105	69.5	130.5	1.5	20	
Beryllium	0.5207	mg/L	0.0010	104	69.5	130.5	1.0	20	
Cadmium	0.5079	mg/L	0.0010	102	69.5	130.5	2.9	20	
Cobalt	1.014	mg/L	0.010	101	69.5	130.5	2.8	20	
Copper	1.010	mg/L	0.010	101	69.5	130.5	0.5	20	
Iron	5.141	mg/L	0.030	103	69.5	130.5	2.5	20	
Nickel	0.9993	mg/L	0.010	99.9	69.5	130.5	2.9	20	
Silver	0.4454	mg/L	0.0050	89.1	69.5	130.5	1.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: B_R60744
Sample ID: B05061527-003CMSD2	Sample Matrix Spike Duplicate								06/22/05 18:24
Thallium	1.080	mg/L	0.10	108	69.5	130.5	1.6	20	
Vanadium	1.049	mg/L	0.10	103	69.5	130.5	1.0	20	
Zinc	1.021	mg/L	0.010	102	69.5	130.5	2.8	20	
Sample ID: B05061540-010BMS2	Sample Matrix Spike								06/22/05 19:18
Antimony	4.937	mg/L	0.15	98.7	69.5	130.5			
Barium	5.369	mg/L	0.10	107	69.5	130.5			
Beryllium	2.588	mg/L	0.0010	104	69.5	130.5			
Cadmium	2.571	mg/L	0.0051	103	69.5	130.5			
Cobalt	5.128	mg/L	0.010	103	69.5	130.5			
Copper	4.998	mg/L	0.041	100	69.5	130.5			
Iron	26.73	mg/L	0.030	104	69.5	130.5			
Nickel	5.111	mg/L	0.015	101	69.5	130.5			
Silver	2.443	mg/L	0.020	96.4	69.5	130.5			
Thallium	5.375	mg/L	0.51	108	69.5	130.5			
Vanadium	5.210	mg/L	0.10	104	69.5	130.5			
Zinc	5.279	mg/L	0.010	103	69.5	130.5			
Sample ID: B05061540-010BMSD2	Sample Matrix Spike Duplicate								06/22/05 19:22
Antimony	4.855	mg/L	0.15	97.1	69.5	130.5	1.7	20	
Barium	5.202	mg/L	0.10	103	69.5	130.5	3.2	20	
Beryllium	2.517	mg/L	0.0010	101	69.5	130.5	2.8	20	
Cadmium	2.384	mg/L	0.0051	95.3	69.5	130.5	7.6	20	
Cobalt	4.768	mg/L	0.010	95.4	69.5	130.5	7.3	20	
Copper	4.827	mg/L	0.041	96.5	69.5	130.5	3.5	20	
Iron	24.81	mg/L	0.030	96.5	69.5	130.5	7.5	20	
Nickel	4.749	mg/L	0.015	93.6	69.5	130.5	7.4	20	
Silver	2.336	mg/L	0.020	92.1	69.5	130.5	4.5	20	
Thallium	5.256	mg/L	0.51	105	69.5	130.5	2.2	20	
Vanadium	5.065	mg/L	0.10	101	69.5	130.5	2.8	20	
Zinc	4.940	mg/L	0.010	96.3	69.5	130.5	6.6	20	
Sample ID: B05061540-020AMS2	Sample Matrix Spike								06/22/05 20:20
Antimony	1.049	mg/L	0.031	105	69.5	130.5			
Barium	1.042	mg/L	0.10	104	69.5	130.5			
Beryllium	0.5104	mg/L	0.0010	102	69.5	130.5			
Cadmium	0.5049	mg/L	0.0010	101	69.5	130.5			
Cobalt	1.003	mg/L	0.010	100	69.5	130.5			
Copper	0.9826	mg/L	0.010	98.3	69.5	130.5			
Iron	5.081	mg/L	0.030	102	69.5	130.5			
Nickel	0.9917	mg/L	0.010	99.2	69.5	130.5			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R60744		
Sample ID: B05061540-020AMS2	Sample Matrix Spike							06/22/05 20:20	
Silver	0.4165	mg/L	0.0050	83.3	69.5	130.5			
Thallium	1.055	mg/L	0.10	105	69.5	130.5			
Vanadium	1.023	mg/L	0.10	102	69.5	130.5			
Zinc	1.009	mg/L	0.010	101	69.5	130.5			
Sample ID: B05061540-020AMSD2	Sample Matrix Spike Duplicate							06/22/05 20:24	
Antimony	1.147	mg/L	0.031	115	69.5	130.5	8.9	20	
Barium	1.094	mg/L	0.10	109	69.5	130.5	4.9	20	
Beryllium	0.5383	mg/L	0.0010	108	69.5	130.5	5.3	20	
Cadmium	0.5756	mg/L	0.0010	115	69.5	130.5	13	20	
Cobalt	1.141	mg/L	0.010	114	69.5	130.5	13	20	
Copper	1.034	mg/L	0.010	103	69.5	130.5	5.1	20	
Iron	5.772	mg/L	0.030	115	69.5	130.5	13	20	
Nickel	1.133	mg/L	0.010	113	69.5	130.5	13	20	
Silver	0.4222	mg/L	0.0050	84.4	69.5	130.5	1.4	20	
Thallium	1.273	mg/L	0.10	127	69.5	130.5	19	20	
Vanadium	1.111	mg/L	0.10	111	69.5	130.5	8.3	20	
Zinc	1.154	mg/L	0.010	115	69.5	130.5	13	20	
Sample ID: B05061556-010BMS2	Sample Matrix Spike							06/22/05 21:58	
Antimony	1.008	mg/L	0.031	101	69.5	130.5			
Barium	1.190	mg/L	0.10	101	69.5	130.5			
Beryllium	0.4982	mg/L	0.0010	99.6	69.5	130.5			
Cadmium	0.4863	mg/L	0.0010	97.3	69.5	130.5			
Cobalt	0.9719	mg/L	0.010	97.2	69.5	130.5			
Copper	0.9640	mg/L	0.010	96.4	69.5	130.5			
Iron	5.056	mg/L	0.030	95.9	69.5	130.5			
Nickel	0.9710	mg/L	0.010	97.1	69.5	130.5			
Silver	0.4086	mg/L	0.0050	81.7	69.5	130.5			
Thallium	1.001	mg/L	0.10	100	69.5	130.5			
Vanadium	1.001	mg/L	0.10	100	69.5	130.5			
Zinc	0.9780	mg/L	0.010	97.8	69.5	130.5			
Sample ID: B05061556-010BMDS2	Sample Matrix Spike Duplicate							06/22/05 22:02	
Antimony	0.9987	mg/L	0.031	99.9	69.5	130.5	1.0	20	
Barium	1.227	mg/L	0.10	104	69.5	130.5	3.1	20	
Beryllium	0.5166	mg/L	0.0010	103	69.5	130.5	3.6	20	
Cadmium	0.5067	mg/L	0.0010	101	69.5	130.5	4.1	20	
Cobalt	1.011	mg/L	0.010	101	69.5	130.5	4.0	20	
Copper	1.014	mg/L	0.010	101	69.5	130.5	5.1	20	
Iron	5.267	mg/L	0.030	100	69.5	130.5	4.1	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7									Batch: B_R60744
Sample ID: B05061556-010BMSD2	Sample Matrix Spike Duplicate								06/22/05 22:02
Nickel	1.013	mg/L	0.010	101	69.5	130.5	4.2	20	
Silver	0.4205	mg/L	0.0050	84.1	69.5	130.5	2.9	20	
Thallium	1.123	mg/L	0.10	112	69.5	130.5	11	20	
Vanadium	1.038	mg/L	0.10	104	69.5	130.5	3.7	20	
Zinc	1.017	mg/L	0.010	102	69.5	130.5	3.9	20	
Sample ID: B05061564-002CMS2	Sample Matrix Spike								06/22/05 23:00
Antimony	1.042	mg/L	0.031	104	69.5	130.5			
Barium	1.112	mg/L	0.10	106	69.5	130.5			
Beryllium	0.5216	mg/L	0.0010	104	69.5	130.5			
Cadmium	0.5070	mg/L	0.0010	101	69.5	130.5			
Cobalt	1.016	mg/L	0.010	102	69.5	130.5			
Copper	1.009	mg/L	0.010	101	69.5	130.5			
Iron	5.061	mg/L	0.030	101	69.5	130.5			
Nickel	1.018	mg/L	0.010	102	69.5	130.5			
Silver	0.4492	mg/L	0.0050	89.8	69.5	130.5			
Thallium	1.090	mg/L	0.10	109	69.5	130.5			
Vanadium	1.048	mg/L	0.10	105	69.5	130.5			
Zinc	1.016	mg/L	0.010	102	69.5	130.5			
Sample ID: B05061564-002CMSD2	Sample Matrix Spike Duplicate								06/22/05 23:04
Antimony	1.012	mg/L	0.031	101	69.5	130.5	2.9	20	
Barium	1.100	mg/L	0.10	104	69.5	130.5	1.1	20	
Beryllium	0.5144	mg/L	0.0010	103	69.5	130.5	1.4	20	
Cadmium	0.4995	mg/L	0.0010	99.9	69.5	130.5	1.5	20	
Cobalt	0.9966	mg/L	0.010	99.7	69.5	130.5	2.0	20	
Copper	0.9955	mg/L	0.010	99.5	69.5	130.5	1.4	20	
Iron	4.995	mg/L	0.030	99.5	69.5	130.5	1.3	20	
Nickel	1.005	mg/L	0.010	101	69.5	130.5	1.3	20	
Silver	0.4521	mg/L	0.0050	90.4	69.5	130.5	0.6	20	
Thallium	1.048	mg/L	0.10	105	69.5	130.5	3.9	20	
Vanadium	1.028	mg/L	0.10	103	69.5	130.5	2.0	20	
Zinc	0.9989	mg/L	0.010	99.9	69.5	130.5	1.7	20	
Sample ID: B05061577-001BMS2	Sample Matrix Spike								06/22/05 23:58
Antimony	1.046	mg/L	0.031	105	69.5	130.5			
Barium	1.421	mg/L	0.10	105	69.5	130.5			
Beryllium	0.5215	mg/L	0.0010	104	69.5	130.5			
Cadmium	0.5043	mg/L	0.0010	101	69.5	130.5			
Cobalt	0.9998	mg/L	0.010	100	69.5	130.5			
Copper	1.015	mg/L	0.010	101	69.5	130.5			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Project: Sanitation Inc. Landfill

Report Date: 06/28/05

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R60744		
Sample ID: B05061577-001BMSD2	Sample Matrix Spike							06/22/05 23:58	
Iron	5.332	mg/L	0.030	99	69.5	130.5			
Nickel	1.005	mg/L	0.010	100	69.5	130.5			
Silver	0.3925	mg/L	0.0050	78.5	69.5	130.5			
Thallium	1.081	mg/L	0.10	108	69.5	130.5			
Vanadium	1.058	mg/L	0.10	106	69.5	130.5			
Zinc	1.015	mg/L	0.010	102	69.5	130.5			
Sample ID: B05061577-001BMSD2	Sample Matrix Spike Duplicate							06/23/05 00:02	
Antimony	1.025	mg/L	0.031	103	69.5	130.5	2.0	20	
Barium	1.413	mg/L	0.10	104	69.5	130.5	0.6	20	
Beryllium	0.5195	mg/L	0.0010	104	69.5	130.5	0.4	20	
Cadmium	0.5035	mg/L	0.0010	101	69.5	130.5	0.2	20	
Cobalt	1.002	mg/L	0.010	100	69.5	130.5	0.3	20	
Copper	1.020	mg/L	0.010	101	69.5	130.5	0.5	20	
Iron	5.380	mg/L	0.030	100	69.5	130.5	0.9	20	
Nickel	1.008	mg/L	0.010	100	69.5	130.5	0.3	20	
Silver	0.3801	mg/L	0.0050	76	69.5	130.5	3.2	20	
Thallium	1.043	mg/L	0.10	104	69.5	130.5	3.7	20	
Vanadium	1.044	mg/L	0.10	104	69.5	130.5	1.3	20	
Zinc	1.007	mg/L	0.010	101	69.5	130.5	0.8	20	
Sample ID: B05061588-001BMSD2	Sample Matrix Spike							06/23/05 01:00	
Antimony	1.990	mg/L	0.061	99.5	69.5	130.5			
Barium	2.654	mg/L	0.10	106	69.5	130.5			
Beryllium	1.036	mg/L	0.0010	104	69.5	130.5			
Cadmium	0.9860	mg/L	0.0020	98.6	69.5	130.5			
Cobalt	1.950	mg/L	0.010	97.5	69.5	130.5			
Copper	2.018	mg/L	0.016	101	69.5	130.5			
Iron	9.863	mg/L	0.030	97.5	69.5	130.5			
Nickel	1.976	mg/L	0.010	98.4	69.5	130.5			
Silver	0.9955	mg/L	0.0082	99.5	69.5	130.5			
Thallium	2.131	mg/L	0.20	107	69.5	130.5			
Vanadium	2.091	mg/L	0.10	105	69.5	130.5			
Zinc	1.949	mg/L	0.010	97.5	69.5	130.5			
Sample ID: B05061588-001BMSD2	Sample Matrix Spike Duplicate							06/23/05 01:12	
Antimony	1.977	mg/L	0.061	98.9	69.5	130.5	0.6	20	
Barium	2.675	mg/L	0.10	107	69.5	130.5	0.8	20	
Beryllium	1.048	mg/L	0.0010	105	69.5	130.5	1.1	20	
Cadmium	0.9795	mg/L	0.0020	98	69.5	130.5	0.7	20	
Cobalt	1.939	mg/L	0.010	97	69.5	130.5	0.5	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7							Batch: B_R60744		
Sample ID: B05061588-001BMSD2	Sample Matrix Spike Duplicate								06/23/05 01:12
Copper	2.048	mg/L	0.016	102	69.5	130.5	1.5	20	
Iron	9.794	mg/L	0.030	96.8	69.5	130.5	0.7	20	
Nickel	1.969	mg/L	0.010	98.1	69.5	130.5	0.3	20	
Silver	0.9994	mg/L	0.0082	99.9	69.5	130.5	0.4	20	
Thallium	2.026	mg/L	0.20	101	69.5	130.5	5.0	20	
Vanadium	2.096	mg/L	0.10	105	69.5	130.5	0.2	20	
Zinc	1.938	mg/L	0.010	96.9	69.5	130.5	0.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
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Method: E200.8

Analytical Run: SUB-B60860

Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard

06/24/05 10:07

Selenium	0.049	mg/L	0.0050	97.3	90	110			
Antimony	0.049	mg/L	0.050	98.3	90	110			
Arsenic	0.049	mg/L	0.0050	98.3	90	110			
Cadmium	0.024	mg/L	0.0010	97.4	90	110			
Chromium	0.050	mg/L	0.010	99	90	110			
Cobalt	0.048	mg/L	0.010	96.7	90	110			
Copper	0.048	mg/L	0.010	95.7	90	110			
Lead	0.049	mg/L	0.010	97.8	90	110			
Mercury	0.0019	mg/L	0.0010	95	90	110			
Nickel	0.047	mg/L	0.010	94.3	90	110			
Silver	0.024	mg/L	0.0050	97.4	90	110			
Thallium	0.049	mg/L	0.10	98.1	90	110			

Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard

06/24/05 13:20

Selenium	0.047	mg/L	0.0050	94	90	110			
Antimony	0.048	mg/L	0.050	96.3	90	110			
Arsenic	0.048	mg/L	0.0050	96.7	90	110			
Cadmium	0.024	mg/L	0.0010	95.3	90	110			
Chromium	0.049	mg/L	0.010	98.1	90	110			
Cobalt	0.048	mg/L	0.010	95.1	90	110			
Copper	0.047	mg/L	0.010	93.9	90	110			
Lead	0.048	mg/L	0.010	96.2	90	110			
Mercury	0.0019	mg/L	0.0010	94	90	110			
Nickel	0.047	mg/L	0.010	93.5	90	110			
Silver	0.024	mg/L	0.0050	95.4	90	110			
Thallium	0.048	mg/L	0.10	95.8	90	110			

Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard

06/24/05 20:40

Selenium	0.049	mg/L	0.0050	98.7	90	110			
Antimony	0.050	mg/L	0.050	99.3	90	110			
Arsenic	0.050	mg/L	0.0050	100	90	110			
Cadmium	0.024	mg/L	0.0010	97.5	90	110			
Chromium	0.050	mg/L	0.010	100	90	110			
Cobalt	0.049	mg/L	0.010	97.9	90	110			
Copper	0.048	mg/L	0.010	96.7	90	110			
Lead	0.050	mg/L	0.010	99.1	90	110			
Mercury	0.0020	mg/L	0.0010	98.8	90	110			
Nickel	0.048	mg/L	0.010	96.3	90	110			
Silver	0.024	mg/L	0.0050	98	90	110			
Thallium	0.049	mg/L	0.10	98.6	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/28/05

Project: Sanitation Inc. Landfill

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Analytical Run: SUB-B60860		
Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard 06/25/05 05:38									
Selenium	0.049	mg/L	0.0050	98.4	90	110			
Antimony	0.050	mg/L	0.050	99	90	110			
Arsenic	0.050	mg/L	0.0050	99.4	90	110			
Cadmium	0.024	mg/L	0.0010	98	90	110			
Chromium	0.050	mg/L	0.010	99.6	90	110			
Cobalt	0.049	mg/L	0.010	98.5	90	110			
Copper	0.049	mg/L	0.010	97.5	90	110			
Lead	0.050	mg/L	0.010	99.3	90	110			
Mercury	0.0020	mg/L	0.0010	98.3	90	110			
Nickel	0.048	mg/L	0.010	97	90	110			
Silver	0.024	mg/L	0.0050	98	90	110			
Thallium	0.049	mg/L	0.10	98.6	90	110			
Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard 06/25/05 19:59									
Selenium	0.050	mg/L	0.0050	99.8	90	110			
Antimony	0.050	mg/L	0.050	100	90	110			
Arsenic	0.050	mg/L	0.0050	100	90	110			
Cadmium	0.024	mg/L	0.0010	97.3	90	110			
Chromium	0.050	mg/L	0.010	99.5	90	110			
Cobalt	0.050	mg/L	0.010	99.1	90	110			
Copper	0.049	mg/L	0.010	97	90	110			
Lead	0.050	mg/L	0.010	99.2	90	110			
Mercury	0.0020	mg/L	0.0010	102	90	110			
Nickel	0.049	mg/L	0.010	97.1	90	110			
Silver	0.025	mg/L	0.0050	100	90	110			
Thallium	0.050	mg/L	0.10	99.1	90	110			
Sample ID: QCS - ME040811A, ME0 Initial Calibration Verification Standard 06/26/05 06:26									
Selenium	0.048	mg/L	0.0050	95.4	90	110			
Antimony	0.049	mg/L	0.050	98.5	90	110			
Arsenic	0.049	mg/L	0.0050	98.1	90	110			
Cadmium	0.025	mg/L	0.0010	98.1	90	110			
Chromium	0.050	mg/L	0.010	99.6	90	110			
Cobalt	0.049	mg/L	0.010	97.6	90	110			
Copper	0.049	mg/L	0.010	97.4	90	110			
Lead	0.050	mg/L	0.010	99.5	90	110			
Mercury	0.0020	mg/L	0.0010	101	90	110			
Nickel	0.048	mg/L	0.010	96.4	90	110			
Silver	0.025	mg/L	0.0050	100	90	110			
Thallium	0.050	mg/L	0.10	99.8	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: LRB	Method Blank							06/24/05 10:50	
Selenium	ND	mg/L	0.0001						
Antimony	ND	mg/L	0.00001						
Arsenic	ND	mg/L	0.00004						
Cadmium	ND	mg/L	9.0E-06						
Chromium	ND	mg/L	0.00004						
Cobalt	ND	mg/L	0.00001						
Copper	ND	mg/L	0.00007						
Lead	0.00001	mg/L	8.0E-06						
Mercury	0.00002	mg/L	0.00001						
Nickel	0.0001	mg/L	0.00003						
Silver	ND	mg/L	0.00003						
Thallium	ND	mg/L	7.0E-06						
Sample ID: B05060640-005CMS	Sample Matrix Spike							06/24/05 14:18	
Antimony	0.0512	mg/L	0.0050	102	70	130			
Arsenic	0.0512	mg/L	0.0050	102	70	130			
Cadmium	0.0481	mg/L	0.0010	96.2	70	130			
Chromium	0.0465	mg/L	0.010	92.2	70	130			
Cobalt	0.0460	mg/L	0.010	91.5	70	130			
Copper	0.0463	mg/L	0.010	92	70	130			
Lead	0.0498	mg/L	0.010	99.6	70	130			
Mercury	0.00112	mg/L	0.0010	112	70	130			
Nickel	0.0456	mg/L	0.010	88.9	70	130			
Selenium	0.0579	mg/L	0.0050	107	70	130			
Silver	0.0172	mg/L	0.0050	86.2	70	130			
Thallium	0.0499	mg/L	0.0050	99.7	70	130			
Sample ID: B05060640-005CMSD	Sample Matrix Spike Duplicate							06/24/05 14:25	
Antimony	0.0514	mg/L	0.0050	103	70	130	0.4	20	
Arsenic	0.0512	mg/L	0.0050	102	70	130	0	20	
Cadmium	0.0482	mg/L	0.0010	96.4	70	130	0.2	20	
Chromium	0.0470	mg/L	0.010	93.1	70	130	1.0	20	
Cobalt	0.0462	mg/L	0.010	92	70	130	0.5	20	
Copper	0.0466	mg/L	0.010	92.5	70	130	0.5	20	
Lead	0.0503	mg/L	0.010	100	70	130	0.9	20	
Mercury	0.00114	mg/L	0.0010	114	70	130	1.3	20	
Nickel	0.0458	mg/L	0.010	89.3	70	130	0.5	20	
Selenium	0.0574	mg/L	0.0050	105	70	130	1.0	20	
Silver	0.0171	mg/L	0.0050	85.4	70	130	0.9	20	
Thallium	0.0503	mg/L	0.0050	101	70	130	0.9	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061511-001CMS							Sample Matrix Spike		
							06/24/05 17:35		
Antimony	0.05292	mg/L	0.0050	106	70	130			
Arsenic	0.05231	mg/L	0.0050	105	70	130			
Cadmium	0.04921	mg/L	0.0010	98.2	70	130			
Chromium	0.05031	mg/L	0.010	98.8	70	130			
Cobalt	0.04789	mg/L	0.010	95	70	130			
Copper	0.04891	mg/L	0.010	94	70	130			
Lead	0.05230	mg/L	0.010	104	70	130			
Mercury	0.001100	mg/L	0.0010	110	70	130			
Nickel	0.04948	mg/L	0.010	92.7	70	130			
Selenium	0.07106	mg/L	0.0050	104	70	130			
Silver	0.01518	mg/L	0.0050	75.9	70	130			
Thallium	0.05249	mg/L	0.0050	105	70	130			
Sample ID: B05061511-001CMSD							Sample Matrix Spike Duplicate		
							06/24/05 17:42		
Antimony	0.05256	mg/L	0.0050	105	70	130	0.7	20	
Arsenic	0.05248	mg/L	0.0050	105	70	130	0.3	20	
Cadmium	0.04907	mg/L	0.0010	97.9	70	130	0.3	20	
Chromium	0.05136	mg/L	0.010	101	70	130	2.1	20	
Cobalt	0.04935	mg/L	0.010	97.9	70	130	3.0	20	
Copper	0.04952	mg/L	0.010	95.2	70	130	1.2	20	
Lead	0.05204	mg/L	0.010	103	70	130	0.5	20	
Mercury	0.001109	mg/L	0.0010	111	70	130	0.8	20	
Nickel	0.05096	mg/L	0.010	95.7	70	130	2.9	20	
Selenium	0.07075	mg/L	0.0050	104	70	130	0.4	20	
Silver	0.01609	mg/L	0.0050	80.4	70	130	5.8	20	
Thallium	0.05237	mg/L	0.0050	105	70	130	0.2	20	
Sample ID: B05061572-001DMS							Sample Matrix Spike		
							06/24/05 21:23		
Antimony	0.0522	mg/L	0.0050	104	70	130			
Arsenic	0.0528	mg/L	0.0050	104	70	130			
Cadmium	0.0509	mg/L	0.0010	102	70	130			
Chromium	0.0492	mg/L	0.010	98.1	70	130			
Cobalt	0.0484	mg/L	0.010	96.6	70	130			
Copper	0.0487	mg/L	0.010	96	70	130			
Lead	0.0512	mg/L	0.010	102	70	130			
Mercury	0.00108	mg/L	0.0010	106	70	130			
Nickel	0.0487	mg/L	0.010	96	70	130			
Selenium	0.0539	mg/L	0.0050	108	70	130			
Silver	0.0194	mg/L	0.0050	97	70	130			
Thallium	0.0514	mg/L	0.0050	103	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061572-001DMSD	Sample Matrix Spike Duplicate							06/24/05 21:30	
Antimony	0.0521	mg/L	0.0050	104	70	130	0.2	20	
Arsenic	0.0532	mg/L	0.0050	105	70	130	0.8	20	
Cadmium	0.0506	mg/L	0.0010	101	70	130	0.7	20	
Chromium	0.0494	mg/L	0.010	98.5	70	130	0.4	20	
Cobalt	0.0490	mg/L	0.010	97.7	70	130	1.2	20	
Copper	0.0493	mg/L	0.010	97	70	130	1.1	20	
Lead	0.0508	mg/L	0.010	101	70	130	0.8	20	
Mercury	0.00110	mg/L	0.0010	108	70	130	1.9	20	
Nickel	0.0492	mg/L	0.010	97	70	130	1.0	20	
Selenium	0.0541	mg/L	0.0050	108	70	130	0.3	20	
Silver	0.0196	mg/L	0.0050	97.9	70	130	0.9	20	
Thallium	0.0512	mg/L	0.0050	102	70	130	0.3	20	
Sample ID: B05061576-001CMS	Sample Matrix Spike							06/24/05 21:58	
Antimony	0.05202	mg/L	0.0050	103	70	130			
Arsenic	0.05169	mg/L	0.0050	103	70	130			
Cadmium	0.04475	mg/L	0.0010	89.5	70	130			
Chromium	0.05083	mg/L	0.010	96.1	70	130			
Cobalt	0.04689	mg/L	0.010	93.6	70	130			
Copper	0.04770	mg/L	0.010	90.9	70	130			
Lead	0.05293	mg/L	0.010	105	70	130			
Mercury	0.001090	mg/L	0.0010	109	70	130			
Nickel	0.04685	mg/L	0.010	88.9	70	130			
Selenium	0.04951	mg/L	0.0050	98.7	70	130			
Silver	0.01532	mg/L	0.0050	76.6	70	130			
Thallium	0.05252	mg/L	0.0050	105	70	130			
Sample ID: B05061576-001CMSD	Sample Matrix Spike Duplicate							06/24/05 22:05	
Antimony	0.05186	mg/L	0.0050	103	70	130	0.3	20	
Arsenic	0.05264	mg/L	0.0050	105	70	130	1.8	20	
Cadmium	0.04482	mg/L	0.0010	89.6	70	130	0.2	20	
Chromium	0.05249	mg/L	0.010	99.4	70	130	3.2	20	
Cobalt	0.04828	mg/L	0.010	96.3	70	130	2.9	20	
Copper	0.04881	mg/L	0.010	93.1	70	130	2.3	20	
Lead	0.05308	mg/L	0.010	105	70	130	0.3	20	
Mercury	0.001092	mg/L	0.0010	109	70	130	0.2	20	
Nickel	0.04753	mg/L	0.010	90.3	70	130	1.4	20	
Selenium	0.04980	mg/L	0.0050	99.3	70	130	0.6	20	
Silver	0.01804	mg/L	0.0050	90.2	70	130	16	20	
Thallium	0.05272	mg/L	0.0050	105	70	130	0.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061596-007BMS	Sample Matrix Spike							06/25/05 00:54	
Antimony	0.05135	mg/L	0.0050	103	70	130			
Arsenic	0.05552	mg/L	0.0050	111	70	130			
Cadmium	0.04562	mg/L	0.0010	91.2	70	130			
Chromium	0.05543	mg/L	0.010	96.6	70	130			
Cobalt	0.04765	mg/L	0.010	95.2	70	130			
Copper	0.04846	mg/L	0.010	94	70	130			
Lead	0.05242	mg/L	0.010	105	70	130			
Mercury	0.001080	mg/L	0.0010	108	70	130			
Nickel	0.04936	mg/L	0.010	93.2	70	130			
Selenium	0.05568	mg/L	0.0050	111	70	130			
Silver	0.01678	mg/L	0.0050	83.9	70	130			
Thallium	0.05175	mg/L	0.0050	104	70	130			
Sample ID: B05061596-007BMSD	Sample Matrix Spike Duplicate							06/25/05 01:00	
Antimony	0.05150	mg/L	0.0050	103	70	130	0.3	20	
Arsenic	0.05516	mg/L	0.0050	110	70	130	0.7	20	
Cadmium	0.04552	mg/L	0.0010	91	70	130	0.2	20	
Chromium	0.05525	mg/L	0.010	96.2	70	130	0.3	20	
Cobalt	0.04811	mg/L	0.010	96.1	70	130	1.0	20	
Copper	0.04890	mg/L	0.010	94.8	70	130	0.9	20	
Lead	0.05258	mg/L	0.010	105	70	130	0.3	20	
Mercury	0.001103	mg/L	0.0010	110	70	130	2.1	20	
Nickel	0.05089	mg/L	0.010	96.3	70	130	3.1	20	
Selenium	0.05528	mg/L	0.0050	111	70	130	0.7	20	
Silver	0.01309	mg/L	0.0050	65.4	70	130	25	20	SR
Thallium	0.05230	mg/L	0.0050	105	70	130	1.1	20	
Sample ID: B05061596-009CMS	Sample Matrix Spike							06/25/05 01:57	
Antimony	0.05130	mg/L	0.0050	102	70	130			
Arsenic	0.05382	mg/L	0.0050	108	70	130			
Cadmium	0.04488	mg/L	0.0010	89.8	70	130			
Chromium	0.05460	mg/L	0.010	96.5	70	130			
Cobalt	0.04895	mg/L	0.010	97.7	70	130			
Copper	0.04782	mg/L	0.010	93.1	70	130			
Lead	0.05291	mg/L	0.010	106	70	130			
Mercury	0.001040	mg/L	0.0010	104	70	130			
Nickel	0.04736	mg/L	0.010	93	70	130			
Selenium	0.05253	mg/L	0.0050	105	70	130			
Silver	0.01809	mg/L	0.0050	90.4	70	130			
Thallium	0.05245	mg/L	0.0050	105	70	130			

Qualifiers:

RL - Analyte reporting limit.
R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: B_R60860
Sample ID: B05061596-009CMSD	Sample Matrix Spike Duplicate								06/25/05 02:04
Antimony	0.05177	mg/L	0.0050	103	70	130	0.9	20	
Arsenic	0.05456	mg/L	0.0050	109	70	130	1.4	20	
Cadmium	0.04526	mg/L	0.0010	90.5	70	130	0.8	20	
Chromium	0.05455	mg/L	0.010	96.4	70	130	0	20	
Cobalt	0.04803	mg/L	0.010	95.9	70	130	1.9	20	
Copper	0.04755	mg/L	0.010	92.6	70	130	0.6	20	
Lead	0.05240	mg/L	0.010	105	70	130	1.0	20	
Mercury	0.001094	mg/L	0.0010	109	70	130	5.1	20	
Nickel	0.04675	mg/L	0.010	91.8	70	130	1.3	20	
Selenium	0.05437	mg/L	0.0050	109	70	130	3.4	20	
Silver	0.01833	mg/L	0.0050	91.7	70	130	1.3	20	
Thallium	0.05187	mg/L	0.0050	104	70	130	1.1	20	
Sample ID: B05061616-004DMS	Sample Matrix Spike								06/25/05 10:34
Antimony	0.05306	mg/L	0.0050	106	70	130			
Arsenic	0.05594	mg/L	0.0050	111	70	130			
Cadmium	0.05508	mg/L	0.0010	110	70	130			
Chromium	0.05279	mg/L	0.010	105	70	130			
Cobalt	0.05141	mg/L	0.010	103	70	130			
Copper	0.05276	mg/L	0.010	104	70	130			
Lead	0.05146	mg/L	0.010	103	70	130			
Mercury	0.001070	mg/L	0.0010	107	70	130			
Nickel	0.05274	mg/L	0.010	103	70	130			
Selenium	0.06627	mg/L	0.0050	133	70	130			S
Silver	0.02016	mg/L	0.0050	101	70	130			
Thallium	0.05122	mg/L	0.0050	102	70	130			
Sample ID: B05061616-004DMSD	Sample Matrix Spike Duplicate								06/25/05 10:41
Antimony	0.05117	mg/L	0.0050	102	70	130	3.6	20	
Arsenic	0.05495	mg/L	0.0050	109	70	130	1.8	20	
Cadmium	0.05356	mg/L	0.0010	107	70	130	2.8	20	
Chromium	0.05193	mg/L	0.010	104	70	130	1.6	20	
Cobalt	0.05067	mg/L	0.010	101	70	130	1.4	20	
Copper	0.05129	mg/L	0.010	101	70	130	2.8	20	
Lead	0.05015	mg/L	0.010	100	70	130	2.6	20	
Mercury	0.001080	mg/L	0.0010	108	70	130	0.9	20	
Nickel	0.05220	mg/L	0.010	102	70	130	1.0	20	
Selenium	0.06516	mg/L	0.0050	130	70	130	1.7	20	S
Silver	0.01952	mg/L	0.0050	97.6	70	130	3.2	20	
Thallium	0.04992	mg/L	0.0050	99.8	70	130	2.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061753-001FMS	Sample Matrix Spike							06/25/05 16:46	
Antimony	0.053	mg/L	0.0030	106	70	130			
Arsenic	0.054	mg/L	0.0010	107	70	130			
Cadmium	0.051	mg/L	0.0010	101	70	130			
Chromium	0.049	mg/L	0.010	95.9	70	130			
Cobalt	0.048	mg/L	0.010	95.7	70	130			
Copper	0.049	mg/L	0.010	95.1	70	130			
Lead	0.053	mg/L	0.0010	104	70	130			
Mercury	0.0012	mg/L	0.00020	117	70	130			
Nickel	0.048	mg/L	0.010	93.2	70	130			
Selenium	0.057	mg/L	0.0050	113	70	130			
Silver	0.019	mg/L	0.0050	94.7	70	130			
Thallium	0.052	mg/L	0.0010	105	70	130			
Sample ID: B05061753-001FMSD	Sample Matrix Spike Duplicate							06/25/05 16:53	
Antimony	0.053	mg/L	0.0030	107	70	130	0.9	20	
Arsenic	0.054	mg/L	0.0010	108	70	130	0.9	20	
Cadmium	0.051	mg/L	0.0010	103	70	130	1.5	20	
Chromium	0.049	mg/L	0.010	95.8	70	130	0.1	20	
Cobalt	0.048	mg/L	0.010	96.7	70	130	1.0	20	
Copper	0.050	mg/L	0.010	95.9	70	130	0.8	20	
Lead	0.052	mg/L	0.0010	103	70	130	0.8	20	
Mercury	0.0011	mg/L	0.00020	114	70	130	2.8	20	
Nickel	0.049	mg/L	0.010	94.1	70	130	1.0	20	
Selenium	0.058	mg/L	0.0050	115	70	130	1.9	20	
Silver	0.019	mg/L	0.0050	95.7	70	130	1.1	20	
Thallium	0.052	mg/L	0.0010	104	70	130	1.0	20	
Sample ID: B05061793-011CMS	Sample Matrix Spike							06/25/05 17:43	
Antimony	0.05245	mg/L	0.0050	104	70	130			
Arsenic	0.07319	mg/L	0.0050	107	70	130			
Cadmium	0.05094	mg/L	0.0010	102	70	130			
Chromium	0.05144	mg/L	0.010	100	70	130			
Cobalt	0.05086	mg/L	0.010	101	70	130			
Copper	0.05056	mg/L	0.010	98.7	70	130			
Lead	0.05182	mg/L	0.010	104	70	130			
Mercury	0.001040	mg/L	0.0010	100	70	130			
Nickel	0.05065	mg/L	0.010	98.3	70	130			
Selenium	0.05580	mg/L	0.0050	111	70	130			
Silver	0.01981	mg/L	0.0050	99.1	70	130			
Thallium	0.05221	mg/L	0.0050	104	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8								Batch: B_R60860	
Sample ID: B05061793-011CMSD	Sample Matrix Spike Duplicate								06/25/05 17:49
Antimony	0.05257	mg/L	0.0050	104	70	130	0.2	20	
Arsenic	0.07273	mg/L	0.0050	106	70	130	0.6	20	
Cadmium	0.05039	mg/L	0.0010	101	70	130	1.1	20	
Chromium	0.05057	mg/L	0.010	98.5	70	130	1.7	20	
Cobalt	0.04944	mg/L	0.010	98.4	70	130	2.8	20	
Copper	0.04977	mg/L	0.010	97.2	70	130	1.6	20	
Lead	0.05118	mg/L	0.010	102	70	130	1.2	20	
Mercury	0.001176	mg/L	0.0010	114	70	130	12	20	
Nickel	0.04962	mg/L	0.010	96.2	70	130	2.1	20	
Selenium	0.05569	mg/L	0.0050	111	70	130	0.2	20	
Silver	0.01938	mg/L	0.0050	96.9	70	130	2.2	20	
Thallium	0.05150	mg/L	0.0050	103	70	130	1.4	20	
Sample ID: B05061817-012FMS	Sample Matrix Spike								06/25/05 21:23
Antimony	0.4952	mg/L	0.0050	99	70	130			
Arsenic	1.170	mg/L	0.0050	94.4	70	130			
Cadmium	0.4461	mg/L	0.0010	89.2	70	130			
Chromium	0.5060	mg/L	0.010	101	70	130			
Cobalt	0.5581	mg/L	0.010	100	70	130			
Copper	0.4964	mg/L	0.010	95.7	70	130			
Lead	0.5316	mg/L	0.010	106	70	130			
Mercury	0.009600	mg/L	0.0010	96	70	130			
Nickel	0.5055	mg/L	0.010	96.5	70	130			
Selenium	0.4199	mg/L	0.0050	82.8	70	130			
Silver	0.09860	mg/L	0.0050	49.3	70	130			S
Thallium	0.5373	mg/L	0.0050	107	70	130			
Sample ID: B05061817-012FMSD	Sample Matrix Spike Duplicate								06/25/05 21:30
Antimony	0.4974	mg/L	0.0050	99.5	70	130	0.4	20	
Arsenic	1.169	mg/L	0.0050	94.2	70	130	0	20	
Cadmium	0.4470	mg/L	0.0010	89.4	70	130	0.2	20	
Chromium	0.5086	mg/L	0.010	101	70	130	0.5	20	
Cobalt	0.5600	mg/L	0.010	101	70	130	0.3	20	
Copper	0.4981	mg/L	0.010	96.1	70	130	0.3	20	
Lead	0.5359	mg/L	0.010	107	70	130	0.8	20	
Mercury	0.01026	mg/L	0.0010	103	70	130	6.6	20	
Nickel	0.5085	mg/L	0.010	97.1	70	130	0.6	20	
Selenium	0.4286	mg/L	0.0050	84.5	70	130	2.1	20	
Silver	0.1237	mg/L	0.0050	61.9	70	130	23	20	SR
Thallium	0.5364	mg/L	0.0050	107	70	130	0.2	20	

Qualifiers:

RL - Analyte reporting limit.
R - RPD exceeds advisory limit.

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061827-009BMS	Sample Matrix Spike							06/25/05 23:37	
Antimony	0.05242	mg/L	0.0050	105	70	130			
Arsenic	0.05323	mg/L	0.0050	104	70	130			
Cadmium	0.05367	mg/L	0.0010	106	70	130			
Chromium	0.04909	mg/L	0.010	98.1	70	130			
Cobalt	0.05135	mg/L	0.010	98.7	70	130			
Copper	0.05014	mg/L	0.010	97.5	70	130			
Lead	0.05037	mg/L	0.010	100	70	130			
Mercury	0.001210	mg/L	0.0010	121	70	130			
Nickel	0.04975	mg/L	0.010	97.4	70	130			
Selenium	0.05706	mg/L	0.0050	114	70	130			
Silver	0.02017	mg/L	0.0050	101	70	130			
Thallium	0.05023	mg/L	0.0050	100	70	130			
Sample ID: B05061827-009BMSD	Sample Matrix Spike Duplicate							06/25/05 23:44	
Antimony	0.05229	mg/L	0.0050	104	70	130	0.2	20	
Arsenic	0.05387	mg/L	0.0050	105	70	130	1.2	20	
Cadmium	0.05277	mg/L	0.0010	104	70	130	1.7	20	
Chromium	0.04944	mg/L	0.010	98.8	70	130	0.7	20	
Cobalt	0.05084	mg/L	0.010	97.7	70	130	1.0	20	
Copper	0.05038	mg/L	0.010	98	70	130	0.5	20	
Lead	0.05078	mg/L	0.010	101	70	130	0.8	20	
Mercury	0.001222	mg/L	0.0010	122	70	130	1.0	20	
Nickel	0.05017	mg/L	0.010	98.2	70	130	0.8	20	
Selenium	0.05753	mg/L	0.0050	115	70	130	0.8	20	
Silver	0.02007	mg/L	0.0050	100	70	130	0.5	20	
Thallium	0.05054	mg/L	0.0050	101	70	130	0.6	20	
Sample ID: B05061844-004BMS	Sample Matrix Spike							06/26/05 02:18	
Antimony	0.05391	mg/L	0.0050	107	70	130			
Arsenic	0.05262	mg/L	0.0050	103	70	130			
Cadmium	0.05079	mg/L	0.0010	102	70	130			
Chromium	0.04716	mg/L	0.010	94	70	130			
Copper	0.08401	mg/L	0.010	94.3	70	130			
Lead	0.05065	mg/L	0.010	101	70	130			
Mercury	0.001090	mg/L	0.0010	109	70	130			
Selenium	0.05406	mg/L	0.0050	108	70	130			
Silver	0.01923	mg/L	0.0050	96.2	70	130			
Thallium	0.05020	mg/L	0.0050	100	70	130			
Sample ID: B05061844-004BMSD	Sample Matrix Spike Duplicate							06/26/05 02:25	
Antimony	0.05389	mg/L	0.0050	107	70	130	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8							Batch: B_R60860		
Sample ID: B05061844-004BMSD	Sample Matrix Spike Duplicate								06/26/05 02:25
Arsenic	0.05248	mg/L	0.0050	103	70	130	0.3	20	
Cadmium	0.05161	mg/L	0.0010	103	70	130	1.6	20	
Chromium	0.04736	mg/L	0.010	94.4	70	130	0.4	20	
Copper	0.08482	mg/L	0.010	95.9	70	130	1.0	20	
Lead	0.05080	mg/L	0.010	101	70	130	0.3	20	
Mercury	0.001143	mg/L	0.0010	114	70	130	4.7	20	
Selenium	0.05384	mg/L	0.0050	107	70	130	0.4	20	
Silver	0.01940	mg/L	0.0050	97	70	130	0.9	20	
Thallium	0.05045	mg/L	0.0050	101	70	130	0.5	20	
Sample ID: B05061844-014BMS	Sample Matrix Spike								06/26/05 04:10
Antimony	0.04870	mg/L	0.0050	97.4	70	130			
Arsenic	0.04908	mg/L	0.0050	96.9	70	130			
Cadmium	0.03978	mg/L	0.0010	79.4	70	130			
Chromium	0.05357	mg/L	0.010	107	70	130			
Copper	0.04919	mg/L	0.010	87	70	130			
Lead	0.05479	mg/L	0.010	109	70	130			
Mercury	0.001020	mg/L	0.0010	102	70	130			
Selenium	0.04701	mg/L	0.0050	90.5	70	130			
Silver	0.009490	mg/L	0.0050	47.5	70	130			S
Thallium	0.05551	mg/L	0.0050	111	70	130			
Sample ID: B05061844-014BMSD	Sample Matrix Spike Duplicate								06/26/05 04:17
Antimony	0.05008	mg/L	0.0050	100	70	130	2.8	20	
Arsenic	0.04937	mg/L	0.0050	97.5	70	130	0.6	20	
Cadmium	0.04081	mg/L	0.0010	81.5	70	130	2.6	20	
Chromium	0.05240	mg/L	0.010	104	70	130	2.2	20	
Copper	0.04769	mg/L	0.010	84	70	130	3.1	20	
Lead	0.05464	mg/L	0.010	109	70	130	0.3	20	
Mercury	0.001093	mg/L	0.0010	109	70	130	6.9	20	
Selenium	0.04702	mg/L	0.0050	90.5	70	130	0	20	
Silver	0.009791	mg/L	0.0050	49	70	130	3.1	20	S
Thallium	0.05518	mg/L	0.0050	110	70	130	0.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E335.4			Batch: B_A2005-06-21_4_CN_01						
Sample ID: B05061473-001CMS	Sample Matrix Spike								06/21/05 11:31
Cyanide, Total Manual Distillation	0.108	mg/L	0.0050	104	90	110			
Sample ID: B05061473-001CMSD	Sample Matrix Spike Duplicate								06/21/05 11:33
Cyanide, Total Manual Distillation	0.110	mg/L	0.0050	106	90	110	1.7	10	
Sample ID: B05061494-009EMS	Sample Matrix Spike								06/21/05 12:01
Cyanide, Total Manual Distillation	0.132	mg/L	0.0050	106	90	110			
Sample ID: B05061494-009EMSD	Sample Matrix Spike Duplicate								06/21/05 12:02
Cyanide, Total Manual Distillation	0.129	mg/L	0.0050	104	90	110	2.1	10	
Sample ID: B05061511-003DMS	Sample Matrix Spike								06/21/05 13:11
Cyanide, Total Manual Distillation	0.108	mg/L	0.0050	108	90	110			
Sample ID: B05061511-003DMSD	Sample Matrix Spike Duplicate								06/21/05 13:13
Cyanide, Total Manual Distillation	0.109	mg/L	0.0050	109	90	110	1.0	10	
Sample ID: MBLK	Method Blank								06/21/05 10:54
Cyanide, Total Manual Distillation	ND	mg/L	0.003						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E353.2						Analytical Run: NUTRIENTS_050621B			
Sample ID: ICV-1	Initial Calibration Verification Standard								06/21/05 10:12
Nitrogen, Nitrate+Nitrite as N	1.03	mg/L	0.050	103	90	110			
Sample ID: CCV-4	Continuing Calibration Verification								06/21/05 10:18
Nitrogen, Nitrate+Nitrite as N	0.520	mg/L	0.050	104	90	110			
Sample ID: CCV-14	Continuing Calibration Verification								06/21/05 10:38
Nitrogen, Nitrate+Nitrite as N	0.520	mg/L	0.050	104	90	110			
Method: E353.2						Batch: A2005-06-21_5_NO3_01			
Sample ID: LCS-2	Laboratory Control Spike								06/21/05 10:14
Nitrogen, Nitrate+Nitrite as N	26.0	mg/L	0.30	104	90	110			
Sample ID: MBLK-5	Method Blank								06/21/05 10:20
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						
Sample ID: MBLK-6	Method Blank								06/21/05 10:22
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						
Sample ID: H05060186-001BDUP	Sample Duplicate								06/21/05 10:28
Nitrogen, Nitrate+Nitrite as N	2.26	mg/L	0.050				1.3	20	
Sample ID: MBLK-13	Method Blank								06/21/05 10:36
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						
Sample ID: H05060171-001BMS	Sample Matrix Spike								06/21/05 10:46
Nitrogen, Nitrate+Nitrite as N	1.02	mg/L	0.050	102	90	110			
Sample ID: H05060171-001BMSD	Sample Matrix Spike Duplicate								06/21/05 10:48
Nitrogen, Nitrate+Nitrite as N	1.03	mg/L	0.050	103	90	110	1.0	20	
Sample ID: MBLK-23	Method Blank								06/21/05 10:56
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						
Sample ID: MBLK-33	Method Blank								06/21/05 11:16
Nitrogen, Nitrate+Nitrite as N	ND	mg/L	0.01						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E410.4									Batch: R20664
Sample ID: MB-R20664	Method Blank								06/21/05 00:00
Oxygen Demand, Chemical (COD)	ND	mg/L		0					
Sample ID: LCS-R20664	Laboratory Control Spike								06/21/05 00:00
Oxygen Demand, Chemical (COD)	140	mg/L	1.0	90	90	110			
Sample ID: H05060166-007CMS	Sample Matrix Spike								06/21/05 00:00
Oxygen Demand, Chemical (COD)	52	mg/L	1.0	105	80	120			
Sample ID: H05060166-007CMSD	Sample Matrix Spike Duplicate								06/21/05 00:00
Oxygen Demand, Chemical (COD)	60	mg/L	1.0	120	80	120			
Sample ID: H05060169-003BDUP	Sample Duplicate								06/21/05 00:00
Oxygen Demand, Chemical (COD)	10	mg/L	1.0	100	90	110			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Analytical Run: SUB-B60762		
Sample ID: CCV	Continuing Calibration Verification								06/23/05 11:25
Acetone	45.6	ug/L	20	91.2	70	130			
Acrylonitrile	46.0	ug/L	20	92	70	130			
Benzene	5.04	ug/L	1.0	101	70	130			
Bromochloromethane	4.68	ug/L	1.0	93.6	70	130			
Bromodichloromethane	5.04	ug/L	1.0	101	70	130			
Bromoform	4.64	ug/L	1.0	92.8	70	130			
Bromomethane	5.48	ug/L	1.0	110	70	130			
Carbon disulfide	4.40	ug/L	1.0	88	70	130			
Carbon tetrachloride	5.04	ug/L	1.0	101	70	130			
Chlorobenzene	5.24	ug/L	1.0	105	70	130			
Chlorodibromomethane	4.48	ug/L	1.0	89.6	70	130			
Chloroethane	5.80	ug/L	1.0	116	70	130			
Chloroform	4.80	ug/L	1.0	96	80	120			
Chloromethane	5.32	ug/L	1.0	106	70	130			
1,2-Dibromo-3-chloropropane	4.32	ug/L	1.0	86.4	70	130			
1,2-Dibromoethane	5.08	ug/L	1.0	102	70	130			
Dibromomethane	4.88	ug/L	1.0	97.6	70	130			
1,2-Dichlorobenzene	5.20	ug/L	1.0	104	70	130			
1,4-Dichlorobenzene	5.32	ug/L	1.0	106	70	130			
trans-1,4-Dichloro-2-butene	6.24	ug/L	1.0	125	70	130			
Dichlorodifluoromethane	5.04	ug/L	1.0	101	70	130			
1,1-Dichloroethane	5.00	ug/L	1.0	100	70	130			
1,2-Dichloroethane	4.72	ug/L	1.0	94.4	70	130			
1,1-Dichloroethene	5.08	ug/L	1.0	102	80	120			
cis-1,2-Dichloroethene	5.00	ug/L	1.0	100	70	130			
trans-1,2-Dichloroethene	5.20	ug/L	1.0	104	70	130			
1,2-Dichloropropane	5.16	ug/L	1.0	103	80	120			
cis-1,3-Dichloropropene	5.24	ug/L	1.0	105	70	130			
trans-1,3-Dichloropropene	4.76	ug/L	1.0	95.2	70	130			
Ethylbenzene	5.48	ug/L	1.0	110	80	120			
2-Hexanone	49.6	ug/L	20	99.2	70	130			
Iodomethane	5.76	ug/L	1.0	115	70	130			
Methyl ethyl ketone	46.0	ug/L	20	92	70	130			
Methyl isobutyl ketone	49.2	ug/L	20	98.4	70	130			
Methylene chloride	4.64	ug/L	1.0	92.8	70	130			
Styrene	5.28	ug/L	1.0	106	70	130			
1,1,1,2-Tetrachloroethane	5.24	ug/L	1.0	105	70	130			
1,1,2,2-Tetrachloroethane	4.96	ug/L	1.0	99.2	70	130			
Tetrachloroethene	5.60	ug/L	1.0	112	70	130			
Toluene	5.36	ug/L	1.0	107	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
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Method: SW8260B

Analytical Run: SUB-B60762

Sample ID: CCV

Continuing Calibration Verification

06/23/05 11:25

1,1,1-Trichloroethane	5.12	ug/L	1.0	102	70	130			
1,1,2-Trichloroethane	5.12	ug/L	1.0	102	70	130			
Trichloroethene	5.36	ug/L	1.0	107	70	130			
Trichlorofluoromethane	5.04	ug/L	1.0	101	70	130			
1,2,3-Trichloropropane	5.12	ug/L	1.0	102	70	130			
Vinyl acetate	4.64	ug/L	1.0	92.8	70	130			
Vinyl chloride	5.44	ug/L	1.0	109	80	120			
m+p-Xylenes	11.0	ug/L	1.0	110	70	130			
o-Xylene	5.40	ug/L	1.0	108	70	130			
Xylenes, Total	16.4	ug/L	1.0	0	0	0			
Surr: 1,2-Dichloroethane-d4			1.0	96.2	70	130			
Surr: Dibromofluoromethane			1.0	103	77	126			
Surr: p-Bromofluorobenzene			1.0	113	76	127			
Surr: Toluene-d8			1.0	112	79	122			

Method: SW8260B

Batch: B_R60762

Sample ID: B05061671-001GMS

Sample Matrix Spike

06/24/05 08:37

Acetone	40800	ug/L	20000	81.6	62	130	0	20	
Acrylonitrile	45200	ug/L	20000	90.4	60	130	0	20	
Benzene	9400	ug/L	1000	100	71	133	0	20	
Bromochloromethane	4880	ug/L	1000	97.6	68	131	0	20	
Bromodichloromethane	4920	ug/L	1000	98.4	67	138	0	20	
Bromoform	4760	ug/L	1000	95.2	64	136	0	20	
Bromomethane	5960	ug/L	1000	119	60	138	0	20	
Carbon disulfide	4400	ug/L	1000	88	46	146	0	20	
Carbon tetrachloride	5320	ug/L	1000	106	61	144	0	20	
Chlorobenzene	5400	ug/L	1000	108	78	136	0	20	
Chlorodibromomethane	4480	ug/L	1000	89.6	72	136	0	20	
Chloroethane	4840	ug/L	1000	96.8	64	136	0	20	
Chloroform	5200	ug/L	1000	104	69	133	0	20	
Chloromethane	5880	ug/L	1000	118	63	149	0	20	
1,2-Dibromo-3-chloropropane	4320	ug/L	1000	86.4	63	125	0	20	
1,2-Dibromoethane	5160	ug/L	1000	103	75	131	0	20	
Dibromomethane	5240	ug/L	1000	105	72	133	0	20	
1,2-Dichlorobenzene	5360	ug/L	1000	107	78	129	0	20	
1,4-Dichlorobenzene	5360	ug/L	1000	107	78	132	0	20	
trans-1,4-Dichloro-2-butene	5360	ug/L	1000	107	50	142	0	20	
Dichlorodifluoromethane	5440	ug/L	1000	109	55	141	0	20	
1,1-Dichloroethane	5280	ug/L	1000	106	72	130	0	20	
1,2-Dichloroethane	4960	ug/L	1000	99.2	57	146	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
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Method: SW8260B

Batch: B_R60762

Sample ID: B05061671-001GMS

Sample Matrix Spike

06/24/05 08:37

1,1-Dichloroethene	4960	ug/L	1000	99.2	66	142	0	20
cis-1,2-Dichloroethene	4880	ug/L	1000	97.6	74	133	0	20
trans-1,2-Dichloroethene	5240	ug/L	1000	105	76	138	0	20
1,2-Dichloropropane	5360	ug/L	1000	107	72	135	0	20
cis-1,3-Dichloropropene	4880	ug/L	1000	97.6	75	132	0	20
trans-1,3-Dichloropropene	4680	ug/L	1000	93.6	77	145	0	20
Ethylbenzene	6360	ug/L	1000	127	78	131	0	20
2-Hexanone	50000	ug/L	20000	100	72	131	0	20
Iodomethane	6360	ug/L	1000	127	66	132	0	20
Methyl ethyl ketone	41600	ug/L	20000	83.2	55	145	0	20
Methyl isobutyl ketone	50000	ug/L	20000	100	73	129	0	20
Methylene chloride	4720	ug/L	1000	94.4	73	126	0	20
Styrene	5520	ug/L	1000	110	76	134	0	20
1,1,1,2-Tetrachloroethane	5400	ug/L	1000	108	75	135	0	20
1,1,2,2-Tetrachloroethane	5160	ug/L	1000	103	72	132	0	20
Tetrachloroethene	5760	ug/L	1000	115	78	137	0	20
Toluene	13000	ug/L	1000	102	78	134	0	20
1,1,1-Trichloroethane	5400	ug/L	1000	108	64	141	0	20
1,1,2-Trichloroethane	5120	ug/L	1000	102	72	133	0	20
Trichloroethene	5680	ug/L	1000	114	75	138	0	20
Trichlorofluoromethane	5200	ug/L	1000	104	58	139	0	20
1,2,3-Trichloropropane	5480	ug/L	1000	110	67	133	0	20
Vinyl acetate	3400	ug/L	1000	68.1	42	120	0	20
Vinyl chloride	5200	ug/L	1000	104	66	140	0	20
m+p-Xylenes	13000	ug/L	1000	110	78	133	0	20
o-Xylene	6400	ug/L	1000	128	79	136	0	20
Xylenes, Total	19400	ug/L	1000	116	70	130	0	20
Surr: 1,2-Dichloroethane-d4			1000	96.4	70	130		
Surr: Dibromofluoromethane			1000	98.4	77	126		
Surr: p-Bromofluorobenzene			1000	105	76	127		
Surr: Toluene-d8			1000	106	79	122		

Sample ID: B05061671-001GMSD

Sample Matrix Spike Duplicate

06/24/05 09:11

Acetone	38400	ug/L	20000	76.9	62	130	6.0	20
Acrylonitrile	46800	ug/L	20000	93.6	60	130	3.5	20
Benzene	9240	ug/L	1000	96.8	71	133	1.7	20
Bromochloromethane	4840	ug/L	1000	96.8	68	131	0.8	20
Bromodichloromethane	4960	ug/L	1000	99.2	67	138	0.8	20
Bromoform	4480	ug/L	1000	89.6	64	136	6.1	20
Bromomethane	6120	ug/L	1000	122	60	138	2.6	20
Carbon disulfide	4520	ug/L	1000	90.4	46	146	2.7	20

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_R60762
Sample ID: B05061671-001GMSD	Sample Matrix Spike Duplicate								06/24/05 09:11
Carbon tetrachloride	5280	ug/L	1000	106	61	144	0.8	20	
Chlorobenzene	5360	ug/L	1000	107	78	136	0.7	20	
Chlorodibromomethane	4520	ug/L	1000	90.4	72	136	0.9	20	
Chloroethane	5800	ug/L	1000	116	64	136	18	20	
Chloroform	5120	ug/L	1000	102	69	133	1.6	20	
Chloromethane	6000	ug/L	1000	120	63	149	2.0	20	
1,2-Dibromo-3-chloropropane	4320	ug/L	1000	86.4	63	125	0	20	
1,2-Dibromoethane	5040	ug/L	1000	101	75	131	2.4	20	
Dibromomethane	5240	ug/L	1000	105	72	133	0	20	
1,2-Dichlorobenzene	5280	ug/L	1000	106	78	129	1.5	20	
1,4-Dichlorobenzene	5320	ug/L	1000	106	78	132	0.7	20	
trans-1,4-Dichloro-2-butene	5240	ug/L	1000	105	50	142	2.3	20	
Dichlorodifluoromethane	5400	ug/L	1000	108	55	141	0.7	20	
1,1-Dichloroethane	5120	ug/L	1000	102	72	130	3.1	20	
1,2-Dichloroethane	5160	ug/L	1000	103	57	146	4.0	20	
1,1-Dichloroethene	4840	ug/L	1000	96.8	66	142	2.4	20	
cis-1,2-Dichloroethene	4880	ug/L	1000	97.6	74	133	0	20	
trans-1,2-Dichloroethene	5040	ug/L	1000	101	76	138	3.9	20	
1,2-Dichloropropane	5280	ug/L	1000	106	72	135	1.5	20	
cis-1,3-Dichloropropene	4920	ug/L	1000	98.4	75	132	0.8	20	
trans-1,3-Dichloropropene	4640	ug/L	1000	92.8	77	145	0.9	20	
Ethylbenzene	6320	ug/L	1000	126	78	131	0.6	20	
2-Hexanone	47200	ug/L	20000	94.4	72	131	5.8	20	
Iodomethane	6240	ug/L	1000	125	66	132	1.9	20	
Methyl ethyl ketone	38900	ug/L	20000	77.8	55	145	6.7	20	
Methyl isobutyl ketone	47200	ug/L	20000	94.4	73	129	5.8	20	
Methylene chloride	4720	ug/L	1000	94.4	73	126	0	20	
Styrene	5440	ug/L	1000	109	76	134	1.5	20	
1,1,1,2-Tetrachloroethane	5400	ug/L	1000	108	75	135	0	20	
1,1,2,2-Tetrachloroethane	5000	ug/L	1000	100	72	132	3.1	20	
Tetrachloroethene	5840	ug/L	1000	117	78	137	1.4	20	
Toluene	12400	ug/L	1000	88	78	134	5.4	20	
1,1,1-Trichloroethane	5440	ug/L	1000	109	64	141	0.7	20	
1,1,2-Trichloroethane	5080	ug/L	1000	102	72	133	0.8	20	
Trichloroethene	5760	ug/L	1000	115	75	138	1.4	20	
Trichlorofluoromethane	5120	ug/L	1000	102	58	139	1.6	20	
1,2,3-Trichloropropane	5000	ug/L	1000	100	67	133	9.2	20	
Vinyl acetate	3240	ug/L	1000	64.7	42	120	5.1	20	
Vinyl chloride	5080	ug/L	1000	102	66	140	2.3	20	
m+p-Xylenes	12800	ug/L	1000	108	78	133	1.6	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_R60762
Sample ID: B05061671-001GMSD	Sample Matrix Spike Duplicate								06/24/05 09:11
o-Xylene	6360	ug/L	1000	127	79	136	0.6	20	
Xylenes, Total	19100	ug/L	1000	115	70	130	1.2	20	
Surr: 1,2-Dichloroethane-d4			1000	98	70	130			
Surr: Dibromofluoromethane			1000	98.4	77	126			
Surr: p-Bromofluorobenzene			1000	103	76	127			
Surr: Toluene-d8			1000	106	79	122			
Sample ID: LCS									06/23/05 12:07
Laboratory Control Spike									
Acetone	35.6	ug/L	20	71.3	62	130			
Acrylonitrile	44.4	ug/L	20	88.8	60	130			
Benzene	5.04	ug/L	1.0	101	71	133			
Bromochloromethane	4.60	ug/L	1.0	92	68	131			
Bromodichloromethane	4.72	ug/L	1.0	94.4	67	138			
Bromoform	4.44	ug/L	1.0	88.8	64	136			
Bromomethane	6.44	ug/L	1.0	129	60	138			
Carbon disulfide	4.52	ug/L	1.0	90.4	46	146			
Carbon tetrachloride	5.04	ug/L	1.0	101	61	144			
Chlorobenzene	5.24	ug/L	1.0	105	78	136			
Chlorodibromomethane	4.40	ug/L	1.0	88	72	136			
Chloroethane	5.36	ug/L	1.0	107	64	136			
Chloroform	4.76	ug/L	1.0	95.2	69	133			
Chloromethane	5.96	ug/L	1.0	119	63	149			
1,2-Dibromo-3-chloropropane	4.20	ug/L	1.0	84	63	125			
1,2-Dibromoethane	5.08	ug/L	1.0	102	75	131			
Dibromomethane	5.00	ug/L	1.0	100	72	133			
1,2-Dichlorobenzene	5.12	ug/L	1.0	102	78	129			
1,4-Dichlorobenzene	5.08	ug/L	1.0	102	78	132			
trans-1,4-Dichloro-2-butene	6.16	ug/L	1.0	123	50	142			
Dichlorodifluoromethane	5.52	ug/L	1.0	110	55	141			
1,1-Dichloroethane	5.00	ug/L	1.0	100	72	130			
1,2-Dichloroethane	4.80	ug/L	1.0	96	57	146			
1,1-Dichloroethene	4.60	ug/L	1.0	92	66	142			
cis-1,2-Dichloroethene	4.76	ug/L	1.0	95.2	74	133			
trans-1,2-Dichloroethene	5.08	ug/L	1.0	102	76	138			
1,2-Dichloropropane	5.20	ug/L	1.0	104	72	135			
cis-1,3-Dichloropropene	5.32	ug/L	1.0	106	75	132			
trans-1,3-Dichloropropene	5.12	ug/L	1.0	102	77	145			
Ethylbenzene	5.48	ug/L	1.0	110	78	131			
2-Hexanone	46.8	ug/L	20	93.6	72	131			
Iodomethane	6.44	ug/L	1.0	129	66	132			
Methyl ethyl ketone	40.0	ug/L	20	80	55	145			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/28/05

Project: Sanitation Inc. Landfill

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: B_R60762		
Sample ID: LCS	Laboratory Control Spike							06/23/05 12:07	
Methyl isobutyl ketone	47.6	ug/L	20	95.2	73	129			
Methylene chloride	4.52	ug/L	1.0	90.4	73	126			
Styrene	5.40	ug/L	1.0	108	76	134			
1,1,1,2-Tetrachloroethane	5.28	ug/L	1.0	106	75	135			
1,1,2,2-Tetrachloroethane	4.92	ug/L	1.0	98.4	72	132			
Tetrachloroethene	5.68	ug/L	1.0	114	78	137			
Toluene	5.44	ug/L	1.0	109	78	134			
1,1,1-Trichloroethane	5.08	ug/L	1.0	102	64	141			
1,1,2-Trichloroethane	4.92	ug/L	1.0	98.4	72	133			
Trichloroethene	5.44	ug/L	1.0	109	75	138			
Trichlorofluoromethane	5.08	ug/L	1.0	102	58	139			
1,2,3-Trichloropropane	5.04	ug/L	1.0	101	67	133			
Vinyl acetate	4.12	ug/L	1.0	82.4	42	120			
Vinyl chloride	5.16	ug/L	1.0	103	66	140			
m+p-Xylenes	11.0	ug/L	1.0	110	78	133			
o-Xylene	5.40	ug/L	1.0	108	79	136			
Xylenes, Total	16.4	ug/L	1.0	109	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	93.6	70	130			
Surr: Dibromofluoromethane			1.0	96.4	77	126			
Surr: p-Bromofluorobenzene			1.0	100	76	127			
Surr: Toluene-d8			1.0	106	79	122			
Sample ID: BLANK							Method Blank		
							06/23/05 12:41		
Acetone	ND	ug/L	20						
Acrylonitrile	ND	ug/L	20						
Benzene	ND	ug/L	1.0						
Bromochloromethane	ND	ug/L	1.0						
Bromodichloromethane	ND	ug/L	1.0						
Bromoform	ND	ug/L	1.0						
Bromomethane	ND	ug/L	1.0						
Carbon disulfide	ND	ug/L	1.0						
Carbon tetrachloride	ND	ug/L	1.0						
Chlorobenzene	ND	ug/L	1.0						
Chlorodibromomethane	ND	ug/L	1.0						
Chloroethane	ND	ug/L	1.0						
Chloroform	ND	ug/L	1.0						
Chloromethane	ND	ug/L	1.0						
1,2-Dibromo-3-chloropropane	ND	ug/L	1.0						
1,2-Dibromoethane	ND	ug/L	1.0						
Dibromomethane	ND	ug/L	1.0						
1,2-Dichlorobenzene	ND	ug/L	1.0						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: B_R60762		
Sample ID: BLANK	Method Blank							06/23/05 12:41	
1,4-Dichlorobenzene	ND	ug/L	1.0						
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0						
Dichlorodifluoromethane	ND	ug/L	1.0						
1,1-Dichloroethane	ND	ug/L	1.0						
1,2-Dichloroethane	ND	ug/L	1.0						
1,1-Dichloroethene	ND	ug/L	1.0						
cis-1,2-Dichloroethene	ND	ug/L	1.0						
trans-1,2-Dichloroethene	ND	ug/L	1.0						
1,2-Dichloropropane	ND	ug/L	1.0						
cis-1,3-Dichloropropene	ND	ug/L	1.0						
trans-1,3-Dichloropropene	ND	ug/L	1.0						
Ethylbenzene	ND	ug/L	1.0						
2-Hexanone	ND	ug/L	20						
Iodomethane	ND	ug/L	1.0						
Methyl ethyl ketone	ND	ug/L	20						
Methyl isobutyl ketone	ND	ug/L	20						
Methylene chloride	ND	ug/L	1.0						
Styrene	ND	ug/L	1.0						
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0						
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0						
Tetrachloroethene	ND	ug/L	1.0						
Toluene	ND	ug/L	1.0						
1,1,1-Trichloroethane	ND	ug/L	1.0						
1,1,2-Trichloroethane	ND	ug/L	1.0						
Trichloroethene	ND	ug/L	1.0						
Trichlorofluoromethane	ND	ug/L	1.0						
1,2,3-Trichloropropane	ND	ug/L	1.0						
Vinyl acetate	ND	ug/L	1.0						
Vinyl chloride	ND	ug/L	1.0						
m+p-Xylenes	ND	ug/L	1.0						
o-Xylene	ND	ug/L	1.0						
Xylenes, Total	ND	ug/L	1.0						
Surr: 1,2-Dichloroethane-d4			1.0	96.4	70	130			
Surr: Dibromofluoromethane			1.0	95.6	77	126			
Surr: p-Bromofluorobenzene			1.0	104	76	127			
Surr: Toluene-d8			1.0	104	79	122			
Sample ID: H05060169-003E	Sample Matrix Spike							06/28/05 10:59	
trans-1,4-Dichloro-2-butene	6.24	ug/L	1.0	125	50	142	0	20	
Acetone	37.8	ug/L	20	75.5	62	130	0	20	
Acrylonitrile	42.4	ug/L	20	84.8	60	130	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B								Batch: B_R60762	
Sample ID: H05060169-003E	Sample Matrix Spike								06/28/05 10:59
Benzene	5.12	ug/L	1.0	102	71	133	0	20	
Bromochloromethane	4.72	ug/L	1.0	94.4	68	131	0	20	
Bromodichloromethane	4.96	ug/L	1.0	99.2	67	138	0	20	
Bromoform	4.68	ug/L	1.0	93.6	64	136	0	20	
Bromomethane	6.80	ug/L	1.0	136	60	138	0	20	
Carbon disulfide	4.52	ug/L	1.0	90.4	46	145	0	20	
Carbon tetrachloride	5.16	ug/L	1.0	103	61	144	0	20	
Chlorobenzene	5.40	ug/L	1.0	108	78	136	0	20	
Chlorodibromomethane	4.60	ug/L	1.0	92	72	136	0	20	
Chloroethane	5.72	ug/L	1.0	114	64	136	0	20	
Chloroform	4.92	ug/L	1.0	98.4	69	133	0	20	
Chloromethane	5.76	ug/L	1.0	115	63	149	0	20	
1,2-Dibromo-3-chloropropane	4.48	ug/L	1.0	89.6	63	125	0	20	
1,2-Dibromoethane	5.16	ug/L	1.0	103	75	131	0	20	
Dibromomethane	5.04	ug/L	1.0	101	72	133	0	20	
1,2-Dichlorobenzene	5.16	ug/L	1.0	103	78	129	0	20	
1,4-Dichlorobenzene	5.28	ug/L	1.0	106	78	131	0	20	
Dichlorodifluoromethane	5.28	ug/L	1.0	106	55	141	0	20	
1,1-Dichloroethane	5.04	ug/L	1.0	101	72	130	0	20	
1,2-Dichloroethane	4.72	ug/L	1.0	94.4	57	146	0	20	
1,1-Dichloroethene	4.68	ug/L	1.0	93.6	66	142	0	20	
cis-1,2-Dichloroethene	4.88	ug/L	1.0	97.6	74	133	0	20	
trans-1,2-Dichloroethene	5.16	ug/L	1.0	103	76	138	0	20	
1,2-Dichloropropane	5.52	ug/L	1.0	110	72	135	0	20	
cis-1,3-Dichloropropene	5.52	ug/L	1.0	110	75	132	0	20	
trans-1,3-Dichloropropene	5.44	ug/L	1.0	109	77	145	0	20	
Ethylbenzene	5.68	ug/L	1.0	114	78	131	0	20	
2-Hexanone	44.4	ug/L	20	88.8	72	131	0	20	
Iodomethane	6.56	ug/L	1.0	131	66	132	0	20	
Methyl ethyl ketone	40.4	ug/L	20	80.8	55	145	0	20	
Methyl isobutyl ketone	45.2	ug/L	20	90.4	73	129	0	20	
Methylene chloride	4.52	ug/L	1.0	90.4	73	126	0	20	
Styrene	5.44	ug/L	1.0	109	76	134	0	20	
1,1,1,2-Tetrachloroethane	5.40	ug/L	1.0	108	75	135	0	20	
1,1,2,2-Tetrachloroethane	4.92	ug/L	1.0	98.4	72	132	0	20	
Tetrachloroethene	5.88	ug/L	1.0	118	78	137	0	20	
Toluene	5.68	ug/L	1.0	114	78	134	0	20	
1,1,1-Trichloroethane	5.28	ug/L	1.0	106	64	141	0	20	
1,1,2-Trichloroethane	5.00	ug/L	1.0	100	72	133	0	20	
Trichloroethene	6.16	ug/L	1.0	123	75	138	0	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: B_R60762		
Sample ID: H05060169-003E		Sample Matrix Spike							06/28/05 10:59
Trichlorofluoromethane	5.08	ug/L	1.0	102	58	139	0	20	
1,2,3-Trichloropropane	4.88	ug/L	1.0	97.6	67	133	0	20	
Vinyl acetate	4.04	ug/L	1.0	80.8	31	124	0	20	
Vinyl chloride	5.00	ug/L	1.0	100	66	140	0	20	
m+p-Xylenes	11.4	ug/L	1.0	114	78	133	0	20	
o-Xylene	5.60	ug/L	1.0	112	79	136	0	20	
Surr: 1,2-Dichloroethane-d4			1.0	92.4	70	130			
Surr: Dibromofluoromethane			1.0	96	77	126			
Surr: p-Bromofluorobenzene			1.0	99.6	76	127			
Surr: Toluene-d8			1.0	108	79	122			
Sample ID: H05060169-003E		Sample Matrix Spike Duplicate							06/28/05 11:33
trans-1,4-Dichloro-2-butene	6.28	ug/L	1.0	126	50	142	0.6	20	
Acetone	39.1	ug/L	20	78.2	62	130	3.4	20	
Acrylonitrile	43.2	ug/L	20	86.4	60	130	1.9	20	
Benzene	4.92	ug/L	1.0	98.4	71	133	4.0	20	
Bromochloromethane	4.64	ug/L	1.0	92.8	68	131	1.7	20	
Bromodichloromethane	4.72	ug/L	1.0	94.4	67	138	5.0	20	
Bromoform	4.68	ug/L	1.0	93.6	64	136	0	20	
Bromomethane	6.92	ug/L	1.0	138	60	138	1.7	20	S
Carbon disulfide	4.48	ug/L	1.0	89.6	46	145	0.9	20	
Carbon tetrachloride	5.04	ug/L	1.0	101	61	144	2.4	20	
Chlorobenzene	5.20	ug/L	1.0	104	78	136	3.8	20	
Chlorodibromomethane	4.44	ug/L	1.0	88.8	72	136	3.5	20	
Chloroethane	5.64	ug/L	1.0	113	64	136	1.4	20	
Chloroform	4.72	ug/L	1.0	94.4	69	133	4.1	20	
Chloromethane	5.76	ug/L	1.0	115	63	149	0	20	
1,2-Dibromo-3-chloropropane	4.52	ug/L	1.0	90.4	63	125	0.9	20	
1,2-Dibromoethane	5.00	ug/L	1.0	100	75	131	3.1	20	
Dibromomethane	4.84	ug/L	1.0	96.8	72	133	4.0	20	
1,2-Dichlorobenzene	5.08	ug/L	1.0	102	78	129	1.6	20	
1,4-Dichlorobenzene	5.20	ug/L	1.0	104	78	131	1.5	20	
Dichlorodifluoromethane	5.16	ug/L	1.0	103	55	141	2.3	20	
1,1-Dichloroethane	4.80	ug/L	1.0	96	72	130	4.9	20	
1,2-Dichloroethane	4.32	ug/L	1.0	86.4	57	146	8.8	20	
1,1-Dichloroethene	4.48	ug/L	1.0	89.6	66	142	4.4	20	
cis-1,2-Dichloroethene	4.68	ug/L	1.0	93.6	74	133	4.2	20	
trans-1,2-Dichloroethene	4.88	ug/L	1.0	97.6	76	138	5.6	20	
1,2-Dichloropropane	5.12	ug/L	1.0	102	72	135	7.5	20	
cis-1,3-Dichloropropene	5.24	ug/L	1.0	105	75	132	5.2	20	
trans-1,3-Dichloropropene	5.12	ug/L	1.0	102	77	145	6.1	20	

Qualifiers:

RL - Analyte reporting limit.
S - Spike recovery outside of advisory limits.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_R60762
Sample ID: H05060169-003E	Sample Matrix Spike Duplicate								06/28/05 11:33
Ethylbenzene	5.44	ug/L	1.0	109	78	131	4.3	20	
2-Hexanone	44.8	ug/L	20	89.6	72	131	0.9	20	
Iodomethane	6.48	ug/L	1.0	130	66	132	1.2	20	
Methyl ethyl ketone	40.8	ug/L	20	81.6	55	145	1.0	20	
Methyl isobutyl ketone	45.6	ug/L	20	91.2	73	129	0.9	20	
Methylene chloride	4.40	ug/L	1.0	88	73	126	2.7	20	
Styrene	5.28	ug/L	1.0	106	76	134	3.0	20	
1,1,1,2-Tetrachloroethane	5.16	ug/L	1.0	103	75	135	4.5	20	
1,1,2,2-Tetrachloroethane	4.76	ug/L	1.0	95.2	72	132	3.3	20	
Tetrachloroethene	5.76	ug/L	1.0	115	78	137	2.1	20	
Toluene	5.44	ug/L	1.0	109	78	134	4.3	20	
1,1,1-Trichloroethane	5.16	ug/L	1.0	103	64	141	2.3	20	
1,1,2-Trichloroethane	4.92	ug/L	1.0	98.4	72	133	1.6	20	
Trichloroethene	5.80	ug/L	1.0	116	75	138	6.0	20	
Trichlorofluoromethane	5.00	ug/L	1.0	100	58	139	1.6	20	
1,2,3-Trichloropropane	4.80	ug/L	1.0	96	67	133	1.7	20	
Vinyl acetate	3.80	ug/L	1.0	76.1	31	124	6.0	20	
Vinyl chloride	4.84	ug/L	1.0	96.8	66	140	3.3	20	
m+p-Xylenes	10.9	ug/L	1.0	109	78	133	4.3	20	
o-Xylene	5.32	ug/L	1.0	106	79	136	5.1	20	
Surr: 1,2-Dichloroethane-d4			1.0	91.2	70	130			
Surr: Dibromofluoromethane			1.0	96.4	77	126			
Surr: p-Bromofluorobenzene			1.0	102	76	127			
Surr: Toluene-d8			1.0	107	79	122			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill

Report Date: 06/28/05
Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Analytical Run: SUB-B60870		
Sample ID: CCV	Continuing Calibration Verification							06/27/05 08:20	
Acetone	39.3	ug/L	20	78.6	70	130			
Acrylonitrile	42.0	ug/L	20	84	70	130			
Benzene	4.84	ug/L	1.0	96.8	70	130			
Bromochloromethane	4.52	ug/L	1.0	90.4	70	130			
Bromodichloromethane	5.20	ug/L	1.0	104	70	130			
Bromoform	5.04	ug/L	1.0	101	70	130			
Bromomethane	6.08	ug/L	1.0	122	70	130			
Carbon disulfide	4.80	ug/L	1.0	96	70	130			
Carbon tetrachloride	4.88	ug/L	1.0	97.6	70	130			
Chlorobenzene	5.16	ug/L	1.0	103	70	130			
Chlorodibromomethane	4.68	ug/L	1.0	93.6	70	130			
Chloroethane	5.72	ug/L	1.0	114	70	130			
Chloroform	4.60	ug/L	1.0	92	80	120			
Chloromethane	5.04	ug/L	1.0	101	70	130			
1,2-Dibromo-3-chloropropane	4.68	ug/L	1.0	93.6	70	130			
1,2-Dibromoethane	4.92	ug/L	1.0	98.4	70	130			
Dibromomethane	4.96	ug/L	1.0	99.2	70	130			
1,2-Dichlorobenzene	4.96	ug/L	1.0	99.2	70	130			
1,4-Dichlorobenzene	5.04	ug/L	1.0	101	70	130			
trans-1,4-Dichloro-2-butene	6.48	ug/L	1.0	130	70	130			
Dichlorodifluoromethane	4.32	ug/L	1.0	86.4	70	130			
1,1-Dichloroethane	4.76	ug/L	1.0	95.2	70	130			
1,2-Dichloroethane	4.04	ug/L	1.0	80.8	70	130			
1,1-Dichloroethene	4.76	ug/L	1.0	95.2	80	120			
cis-1,2-Dichloroethene	4.76	ug/L	1.0	95.2	70	130			
trans-1,2-Dichloroethene	4.96	ug/L	1.0	99.2	70	130			
1,2-Dichloropropane	5.28	ug/L	1.0	106	80	120			
cis-1,3-Dichloropropene	5.56	ug/L	1.0	111	70	130			
trans-1,3-Dichloropropene	4.92	ug/L	1.0	98.4	70	130			
Ethylbenzene	5.40	ug/L	1.0	108	80	120			
2-Hexanone	46.8	ug/L	20	93.6	70	130			
Iodomethane	5.88	ug/L	1.0	118	70	130			
Methyl ethyl ketone	41.2	ug/L	20	82.4	70	130			
Methyl isobutyl ketone	46.4	ug/L	20	92.8	70	130			
Methylene chloride	4.24	ug/L	1.0	84.8	70	130			
Styrene	5.20	ug/L	1.0	104	70	130			
1,1,1,2-Tetrachloroethane	5.20	ug/L	1.0	104	70	130			
1,1,2,2-Tetrachloroethane	4.80	ug/L	1.0	96	70	130			
Tetrachloroethene	5.76	ug/L	1.0	115	70	130			
Toluene	5.48	ug/L	1.0	110	80	120			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/28/05

Project: Sanitation Inc. Landfill

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
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Method: SW8260B

Analytical Run: SUB-B60870

Sample ID: CCV

Continuing Calibration Verification

06/27/05 08:20

1,1,1-Trichloroethane	5.04	ug/L	1.0	101	70	130			
1,1,2-Trichloroethane	4.96	ug/L	1.0	99.2	70	130			
Trichloroethene	5.60	ug/L	1.0	112	70	130			
Trichlorofluoromethane	4.72	ug/L	1.0	94.4	70	130			
1,2,3-Trichloropropane	4.56	ug/L	1.0	91.2	70	130			
Vinyl acetate	4.36	ug/L	1.0	87.2	70	130			
Vinyl chloride	5.08	ug/L	1.0	102	80	120			
m+p-Xylenes	10.9	ug/L	1.0	109	70	130			
o-Xylene	5.36	ug/L	1.0	107	70	130			
Xylenes, Total	16.2	ug/L	1.0	0	0	0			
Surr: 1,2-Dichloroethane-d4			1.0	84.6	70	130			
Surr: Dibromofluoromethane			1.0	90	77	126			
Surr: p-Bromofluorobenzene			1.0	105	76	127			
Surr: Toluene-d8			1.0	108	79	122			

Method: SW8260B

Batch: B_R60870

Sample ID: LCS

Laboratory Control Spike

06/27/05 08:54

Acetone	38.6	ug/L	20	77.2	62	130			
Acrylonitrile	43.6	ug/L	20	87.2	60	130			
Benzene	5.28	ug/L	1.0	106	71	133			
Bromochloromethane	5.00	ug/L	1.0	100	68	131			
Bromodichloromethane	5.20	ug/L	1.0	104	67	138			
Bromoform	5.20	ug/L	1.0	104	64	136			
Bromomethane	7.20	ug/L	1.0	144	60	138			S
Carbon disulfide	4.68	ug/L	1.0	93.6	46	146			
Carbon tetrachloride	5.28	ug/L	1.0	106	61	144			
Chlorobenzene	5.52	ug/L	1.0	110	78	136			
Chlorodibromomethane	4.92	ug/L	1.0	98.4	72	136			
Chloroethane	5.92	ug/L	1.0	118	64	136			
Chloroform	5.04	ug/L	1.0	101	69	133			
Chloromethane	5.88	ug/L	1.0	118	63	149			
1,2-Dibromo-3-chloropropane	4.80	ug/L	1.0	96	63	125			
1,2-Dibromoethane	5.40	ug/L	1.0	108	75	131			
Dibromomethane	5.28	ug/L	1.0	106	72	133			
1,2-Dichlorobenzene	5.40	ug/L	1.0	108	78	129			
1,4-Dichlorobenzene	5.44	ug/L	1.0	109	78	132			
trans-1,4-Dichloro-2-butene	6.60	ug/L	1.0	132	50	142			
Dichlorodifluoromethane	5.08	ug/L	1.0	102	55	141			
1,1-Dichloroethane	5.12	ug/L	1.0	102	72	130			
1,2-Dichloroethane	4.56	ug/L	1.0	91.2	57	146			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B							Batch: B_R60870		
Sample ID: LCS	Laboratory Control Spike						06/27/05 08:54		
1,1-Dichloroethene	4.60	ug/L	1.0	92	66	142			
cis-1,2-Dichloroethene	4.92	ug/L	1.0	98.4	74	133			
trans-1,2-Dichloroethene	5.24	ug/L	1.0	105	76	138			
1,2-Dichloropropane	5.64	ug/L	1.0	113	72	135			
cis-1,3-Dichloropropene	5.84	ug/L	1.0	117	75	132			
trans-1,3-Dichloropropene	5.80	ug/L	1.0	116	77	145			
Ethylbenzene	5.76	ug/L	1.0	115	78	131			
2-Hexanone	47.2	ug/L	20	94.4	72	131			
Iodomethane	6.52	ug/L	1.0	130	66	132			
Methyl ethyl ketone	42.4	ug/L	20	84.8	55	145			
Methyl isobutyl ketone	47.6	ug/L	20	95.2	73	129			
Methylene chloride	4.56	ug/L	1.0	91.2	73	126			
Styrene	5.64	ug/L	1.0	113	76	134			
1,1,1,2-Tetrachloroethane	5.72	ug/L	1.0	114	75	135			
1,1,2,2-Tetrachloroethane	4.96	ug/L	1.0	99.2	72	132			
Tetrachloroethene	6.04	ug/L	1.0	121	78	137			
Toluene	5.88	ug/L	1.0	118	78	134			
1,1,1-Trichloroethane	5.44	ug/L	1.0	109	64	141			
1,1,2-Trichloroethane	5.28	ug/L	1.0	106	72	133			
Trichloroethene	6.20	ug/L	1.0	124	75	138			
Trichlorofluoromethane	4.92	ug/L	1.0	98.4	58	139			
1,2,3-Trichloropropane	5.00	ug/L	1.0	100	67	133			
Vinyl acetate	3.98	ug/L	1.0	79.5	42	120			
Vinyl chloride	5.00	ug/L	1.0	100	66	140			
m+p-Xylenes	11.7	ug/L	1.0	117	78	133			
o-Xylene	5.68	ug/L	1.0	114	79	136			
Xylenes, Total	17.4	ug/L	1.0	116	70	130			
Surr: 1,2-Dichloroethane-d4			1.0	80.8	70	130			
Surr: Dibromofluoromethane			1.0	86	77	126			
Surr: p-Bromofluorobenzene			1.0	88.8	76	127			
Surr: Toluene-d8			1.0	98.4	79	122			
Sample ID: BLANK	Method Blank						06/27/05 09:29		
Acetone	ND	ug/L		10					
Benzene	ND	ug/L	0.50						
Bromochloromethane	ND	ug/L	0.50						
Bromodichloromethane	ND	ug/L	0.50						
Bromoform	ND	ug/L	0.50						
Bromomethane	ND	ug/L	0.50						
Carbon tetrachloride	ND	ug/L	0.50						
Chlorobenzene	ND	ug/L	0.50						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Sanitation Inc.
 Project: Sanitation Inc. Landfill

Report Date: 06/28/05
 Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B			Batch: B_R60870						
Sample ID: BLANK	Method Blank		06/27/05 09:29						
Chlorodibromomethane	ND	ug/L	0.50						
Chloroethane	ND	ug/L	0.50						
Chloroform	ND	ug/L	0.50						
Chloromethane	ND	ug/L	0.50						
1,2-Dibromo-3-chloropropane	ND	ug/L	0.50						
1,2-Dibromoethane	ND	ug/L	0.50						
Dibromomethane	ND	ug/L	0.50						
1,2-Dichlorobenzene	ND	ug/L	0.50						
1,4-Dichlorobenzene	ND	ug/L	0.50						
Dichlorodifluoromethane	ND	ug/L	0.50						
1,1-Dichloroethane	ND	ug/L	0.50						
1,2-Dichloroethane	ND	ug/L	0.50						
1,1-Dichloroethene	ND	ug/L	0.50						
cis-1,2-Dichloroethene	ND	ug/L	0.50						
trans-1,2-Dichloroethene	ND	ug/L	0.50						
1,2-Dichloropropane	ND	ug/L	0.50						
cis-1,3-Dichloropropene	ND	ug/L	0.50						
trans-1,3-Dichloropropene	ND	ug/L	0.50						
Ethylbenzene	ND	ug/L	0.50						
2-Hexanone	ND	ug/L	10						
Methyl ethyl ketone	ND	ug/L	10						
Methyl isobutyl ketone	ND	ug/L	10						
Methylene chloride	ND	ug/L	0.50						
Styrene	ND	ug/L	0.50						
1,1,1,2-Tetrachloroethane	ND	ug/L	0.50						
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50						
Tetrachloroethene	ND	ug/L	0.50						
Toluene	ND	ug/L	0.50						
1,1,1-Trichloroethane	ND	ug/L	0.50						
1,1,2-Trichloroethane	ND	ug/L	0.50						
Trichloroethene	ND	ug/L	0.50						
Trichlorofluoromethane	ND	ug/L	0.50						
1,2,3-Trichloropropane	ND	ug/L	0.50						
Vinyl chloride	ND	ug/L	0.50						
m+p-Xylenes	ND	ug/L	0.50						
o-Xylene	ND	ug/L	0.50						
Xylenes, Total	ND	ug/L	0.50						
Surr: 1,2-Dichloroethane-d4			0.50	87.2	70	130			
Surr: Dibromofluoromethane			0.50	94	77	126			
Surr: p-Bromofluorobenzene			0.50	98.4	76	127			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Sanitation Inc.

Report Date: 06/28/05

Project: Sanitation Inc. Landfill

Work Order: H05060169

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8260B									Batch: B_R60870
Sample ID: BLANK	Method Blank								06/27/05 09:29
Surr: Toluene-d8			0.50	107	79	122			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Date: 29-Aug-05

CLIENT: Sanitation Inc.
Project: Sanitation Inc. Landfill
Sample Delivery Group: H05060169

CASE NARRATIVE

Due to an electronic importing error, the sulfates ran on 6/22/05 were not correctly reported. Corrective Action has been taken.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-001
Client Sample ID: SIMW-1

Report Date: 06/28/05
Collection Date: 06/20/05 11:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
INORGANICS							
Sulfate	95	mg/L	D	2		A4500-SO4 E	06/22/05 11:05 / ljm

Report
Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-003
Client Sample ID: SIMW-2

Report Date: 06/28/05
Collection Date: 06/18/05 12:00
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
INORGANICS							
Sulfate	201	mg/L	D	2		A4500-SO4 E	06/22/05 11:05 / ljm

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-004
Client Sample ID: SIMW-3

Report Date: 06/28/05
Collection Date: 06/18/05 13:15
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
INORGANICS							
Sulfate	148	mg/L	D	2		A4500-SO4 E	06/22/05 11:06 / ljm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-005
Client Sample ID: SIMW-4

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
INORGANICS							
Sulfate	228	mg/L	D	2		A4500-SO4 E	06/22/05 11:06 / ljm

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Sanitation Inc.
Project: Sanitation Inc. Landfill
Lab ID: H05060169-006
Client Sample ID: SIMW-4D

Report Date: 06/28/05
Collection Date: 06/18/05 14:30
Date Received: 06/20/05
Matrix: Aqueous

Analyses	Result	Units	Qual	MCL/		Method	Analysis Date / By
				RL	QCL		
INORGANICS							
Sulfate	212	mg/L	D	2		A4500-SO4 E	06/22/05 11:07 / ljm

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

Chain of Custody and Analytical Request Record

PLEASE PRINT, provide as much information as possible. Refer to corresponding notes on reverse side.

Page ____ of ____

Company Name: BARR-DANSCHEW CONSTRUCTION 5531 GORAL ROAD Helena, MT 59602		Project Name, PWS #, Permit #, Etc.: Sanitation Tr. Landfill		Project Name, PWS #, Permit #, Etc.: Sanitation Tr. Landfill		Project Name, PWS #, Permit #, Etc.: Sanitation Tr. Landfill	
Report Mail Address: 5531 GORAL ROAD Helena, MT 59602		Contact Name, Phone, Fax, E-mail: Barry Danischew 404-5003		Contact Name, Phone, Fax, E-mail: Barry Danischew 404-5003		Contact Name, Phone, Fax, E-mail: Barry Danischew 404-5003	
Invoice Address: Bill 5124a San. Twp. Natl P.O. Box 982, Lewistown, MT 59450		Invoice Contact & Phone #: Bill 5124a 538-9767		Invoice Contact & Phone #: Bill 5124a 538-9767		Invoice Contact & Phone #: Bill 5124a 538-9767	
Report Required For: Other ☒ POTW/WWTP ☐ DW ☐ Other ☐ PEF ☐ SLO ☐ CWA		Report Required For: Other ☒ POTW/WWTP ☐ DW ☐ Other ☐ PEF ☐ SLO ☐ CWA		Report Required For: Other ☒ POTW/WWTP ☐ DW ☐ Other ☐ PEF ☐ SLO ☐ CWA		Report Required For: Other ☒ POTW/WWTP ☐ DW ☐ Other ☐ PEF ☐ SLO ☐ CWA	
Special Report Formats: - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Special Report Formats: - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Special Report Formats: - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____		Special Report Formats: - ELI must be notified prior to sample submittal for the following: NELAC ☐ A2LA ☐ Level IV ☐ Other _____	
EDD/EDT ☐ Format _____		EDD/EDT ☐ Format _____		EDD/EDT ☐ Format _____		EDD/EDT ☐ Format _____	
SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)		SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	
1	Simw-1	6-18-05	1115	6W	X		
2	Simw-2	6-18-05	1200	6W	X		
3	Simw-3	6-18-05	1315	6W	X		
4	Simw-4	6-18-05	1430	6W	X		
5	Simw-4D	6-18-05	1430	6W	X		
6	TRIP Blat	6-18-05	-	1W			
7							
8							
9							
10							
Requisitioned by (print): Barry F. Danischew		Requisitioned by (print): Barry F. Danischew		Requisitioned by (print): Barry F. Danischew		Requisitioned by (print): Barry F. Danischew	
Signature: Barry F. Danischew		Signature: Barry F. Danischew		Signature: Barry F. Danischew		Signature: Barry F. Danischew	
Date/Time: 6-20-05		Date/Time: 6-20-05		Date/Time: 6-20-05		Date/Time: 6-20-05	
Received by (print): Barry F. Danischew		Received by (print): Barry F. Danischew		Received by (print): Barry F. Danischew		Received by (print): Barry F. Danischew	
Signature: Barry F. Danischew		Signature: Barry F. Danischew		Signature: Barry F. Danischew		Signature: Barry F. Danischew	
Date/Time: 6-20-05		Date/Time: 6-20-05		Date/Time: 6-20-05		Date/Time: 6-20-05	
LABORATORY USE ONLY		LABORATORY USE ONLY		LABORATORY USE ONLY		LABORATORY USE ONLY	
Notify ELI prior to RUSH sample submittal for additional charges and scheduling		Notify ELI prior to RUSH sample submittal for additional charges and scheduling		Notify ELI prior to RUSH sample submittal for additional charges and scheduling		Notify ELI prior to RUSH sample submittal for additional charges and scheduling	
Comments:		Comments:		Comments:		Comments:	
Shipped by: Lab ID		Shipped by: Lab ID		Shipped by: Lab ID		Shipped by: Lab ID	
Cooler ID(s): 7154		Cooler ID(s): 7154		Cooler ID(s): 7154		Cooler ID(s): 7154	
Receipt Temp: 40 °C		Receipt Temp: 40 °C		Receipt Temp: 40 °C		Receipt Temp: 40 °C	
Custody Seal: Y		Custody Seal: Y		Custody Seal: Y		Custody Seal: Y	
Intact: Y		Intact: Y		Intact: Y		Intact: Y	
Signature Match: Y		Signature Match: Y		Signature Match: Y		Signature Match: Y	
Lab ID:		Lab ID:		Lab ID:		Lab ID:	

